

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

August 20, 2007

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill
Mon. Butte NE Federal I-25-8-16
Hawkeye Federal G-26-8-16
South Wells Draw Federal R-4-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. Please Contact Dave Allred to set up an On-Site. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

AUG 24 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

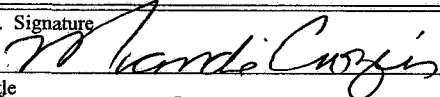
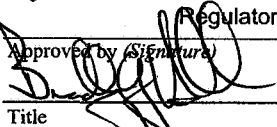
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-67170
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Monument Butte NE Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Monument Butte NE Federal I-25-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33760
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 1965' FNL 646' FEL At proposed prod. zone SE/NE 1321' FNL 1319' FEL		10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 25, T8S R16E		12. County or Parish Duchesne
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximatley 9.7 miles southeast of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1319' f/lse, 1319' f/unit	16. No. of Acres in lease 1879.9	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1317'	19. Proposed Depth 6600'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5430' GL	22. Approximate date work will start* 4th Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/31/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 09-04-07
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

AUG 24 2007

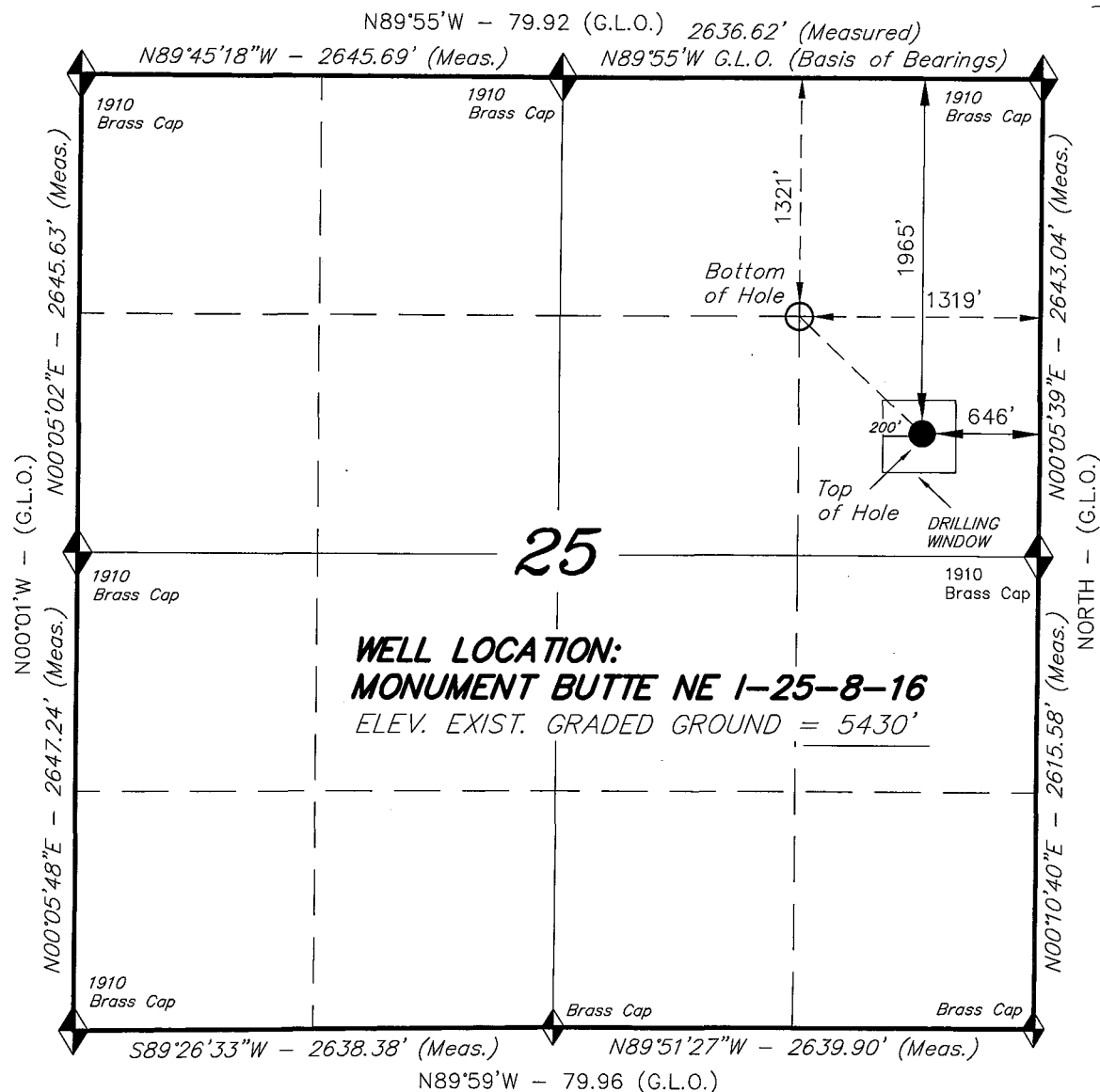
DIV. OF OIL, GAS & MINING

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- 110.059882

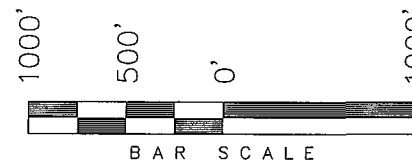
BHL
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- 110.062292

T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



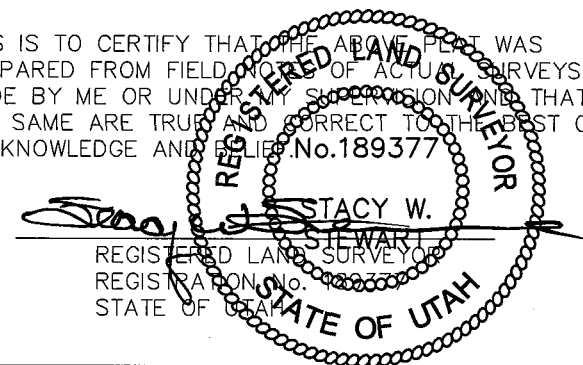
WELL LOCATION, MONUMENT BUTTE NE 1-25-8-16, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 25, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

1. The bottom of hole bears N46°10'19"W 931.18' from the well head.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 04-27-07	SURVEYED BY: K.G.S.
DATE DRAWN: 05-22-07	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

MONUMENT BUTTE NE 1-25-8-16
(Surface Location) NAD 83
LATITUDE = 40° 05' 26.68"
LONGITUDE = 110° 03' 38.33"

**NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE NE FEDERAL #I-25-8-16
AT SURFACE: SE/NE SECTION 25, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2595'
Green River	2595'
Wasatch	6600'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2595' – 6600' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE NE FEDERAL #I-25-8-16
AT SURFACE: SE/NE SECTION 25, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Monument Butte NE Federal #I-25-8-16 located in the SE 1/4 NE 1/4 Section 25, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 7.4 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.6 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 660' \pm to the existing Monument Butte Federal 8-25 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Monument Butte Federal 8-25 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Monument Butte Federal 8-25 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Monument Butte NE Federal I-25-8-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Monument Butte NE Federal I-25-8-16 will be drilled off of the existing Monument Butte Federal 8-25 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 190' of disturbed area be granted in Lease UTU-67170 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

The Archaeological Resource Survey and Paleontological Resource Survey for the 250' of proposed water pipeline is attached. MOAC Report #07-286, 8/3/07. Paleontological Resource Survey prepared by, SWCA, August 2007. See attached report cover pages, Exhibit "D".

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Kochia Low

6 lbs/acre

Details of the On-Site Inspection

The proposed Monument Butte NE Federal #I-25-8-16 was on-sited on 7/25/07. The following were present; Dave Allred (Newfeild Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**
Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

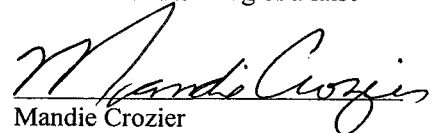
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-25-8-16 Section 25, Township 8S, Range 16E: Lease UTU-67170 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/4/07

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

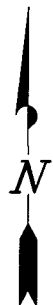
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

MONUMENT BUTTE NE 1-25-8-16 (Proposed Well)

MONUMENT BUTTE NE 8-25-8-16 (Existing Well)

Pad Location: SENE Section 25, T8S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

1-25 (PROPOSED)
1965' FNL & 646' FEL

BOTTOM HOLE FOOTAGES

1-25 (PROPOSED)
1321' FNL & 1319' FEL

Note:

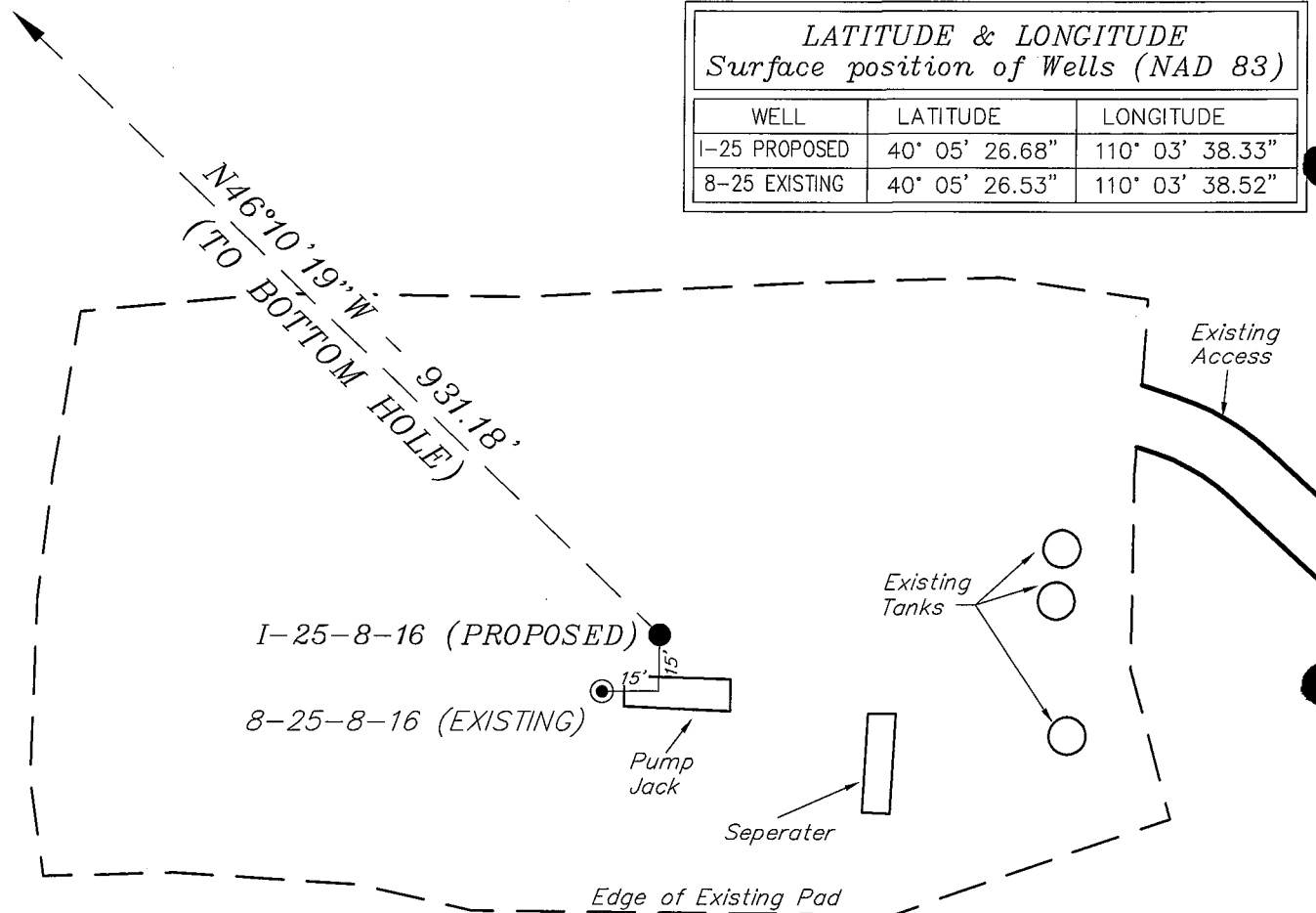
Bearings are based on
G.P.S. observations.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
1-25 PROPOSED	645'	-672'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
1-25 PROPOSED	40° 05' 26.68"	110° 03' 38.33"
8-25 EXISTING	40° 05' 26.53"	110° 03' 38.52"



SURVEYED BY: K.G.S.	DATE SURVEYED: 04-27-07
DRAWN BY: T.C.J.	DATE DRAWN: 05-22-07
SCALE: 1" = 50'	REVISED:

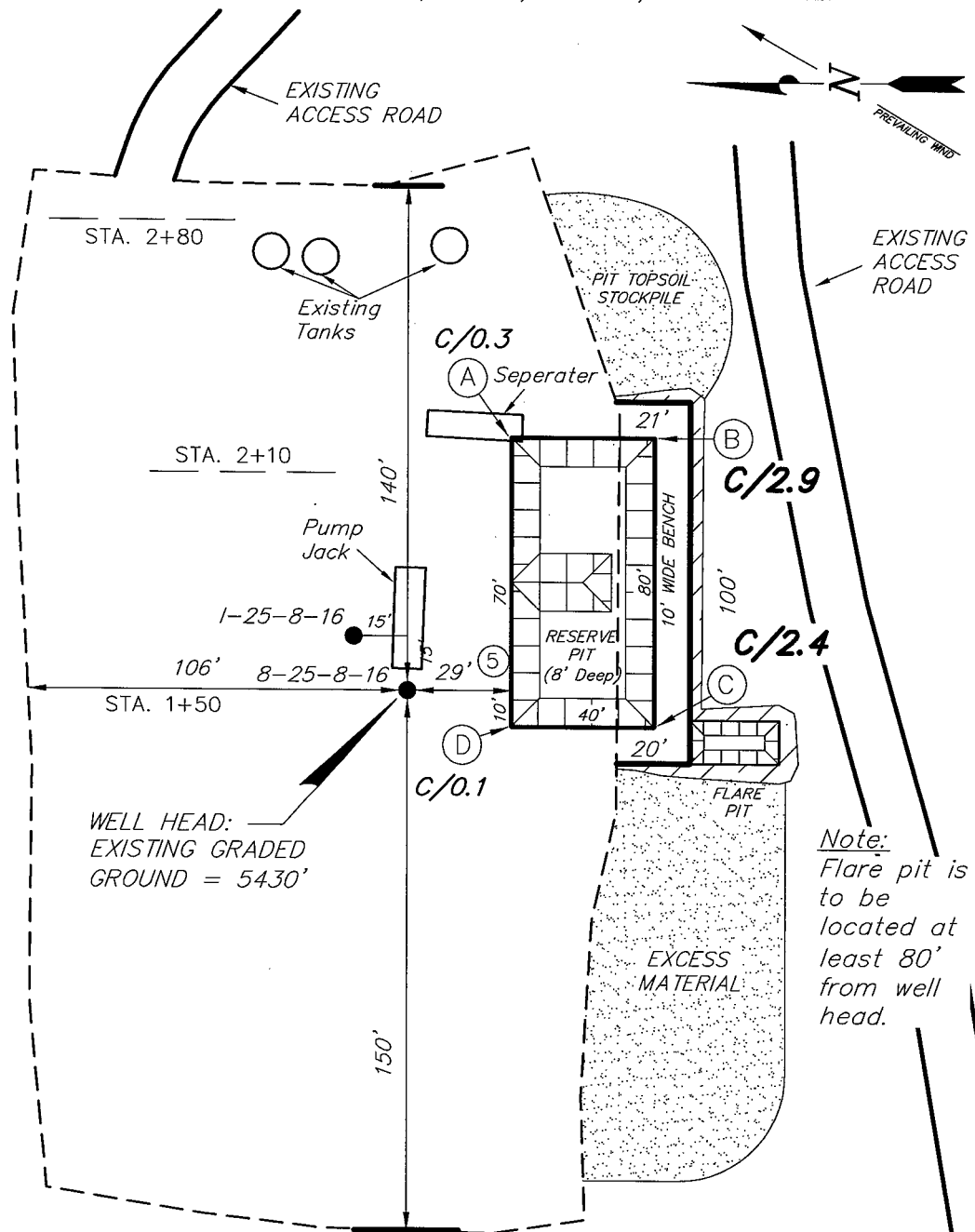
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

MONUMENT BUTTE NE 1-25-8-16 (Proposed Well)

MONUMENT BUTTE NE 8-25-8-16 (Existing Well)

Pad Location: SENE Section 25, T8S, R16E, S.L.B.&M.



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 05-22-07

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Land Surveying, Inc.

(435) 781-2501

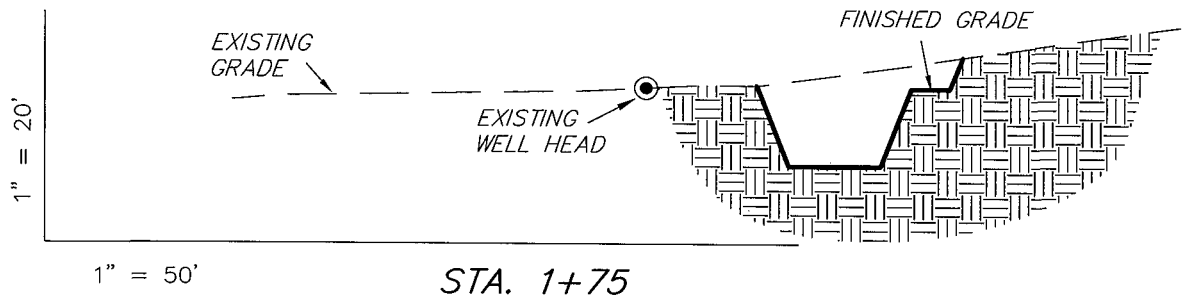
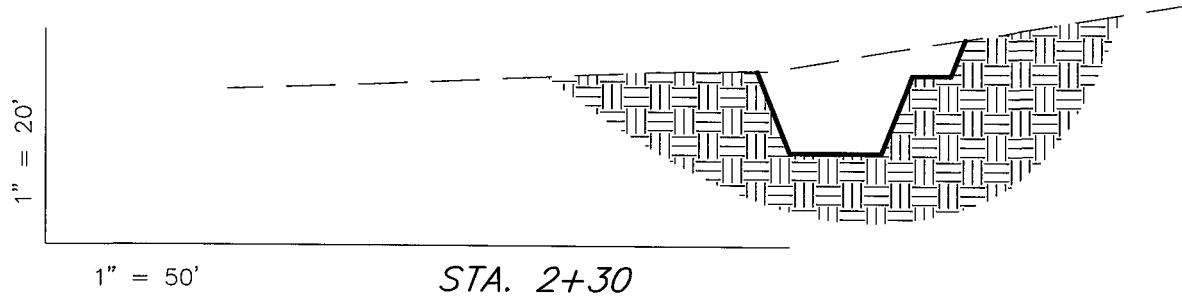
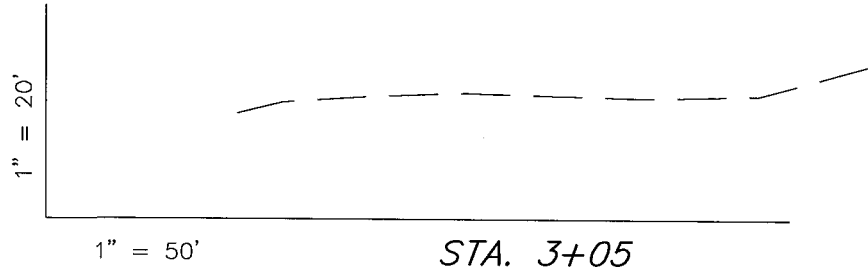
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

MONUMENT BUTTE NE 1-25-8-16 (Proposed Well)

MONUMENT BUTTE NE 8-25-8-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	430	0	Topsoil is not included in Pad Cut	430
PIT	640	0		640
TOTALS	1,070	0	130	1,070

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

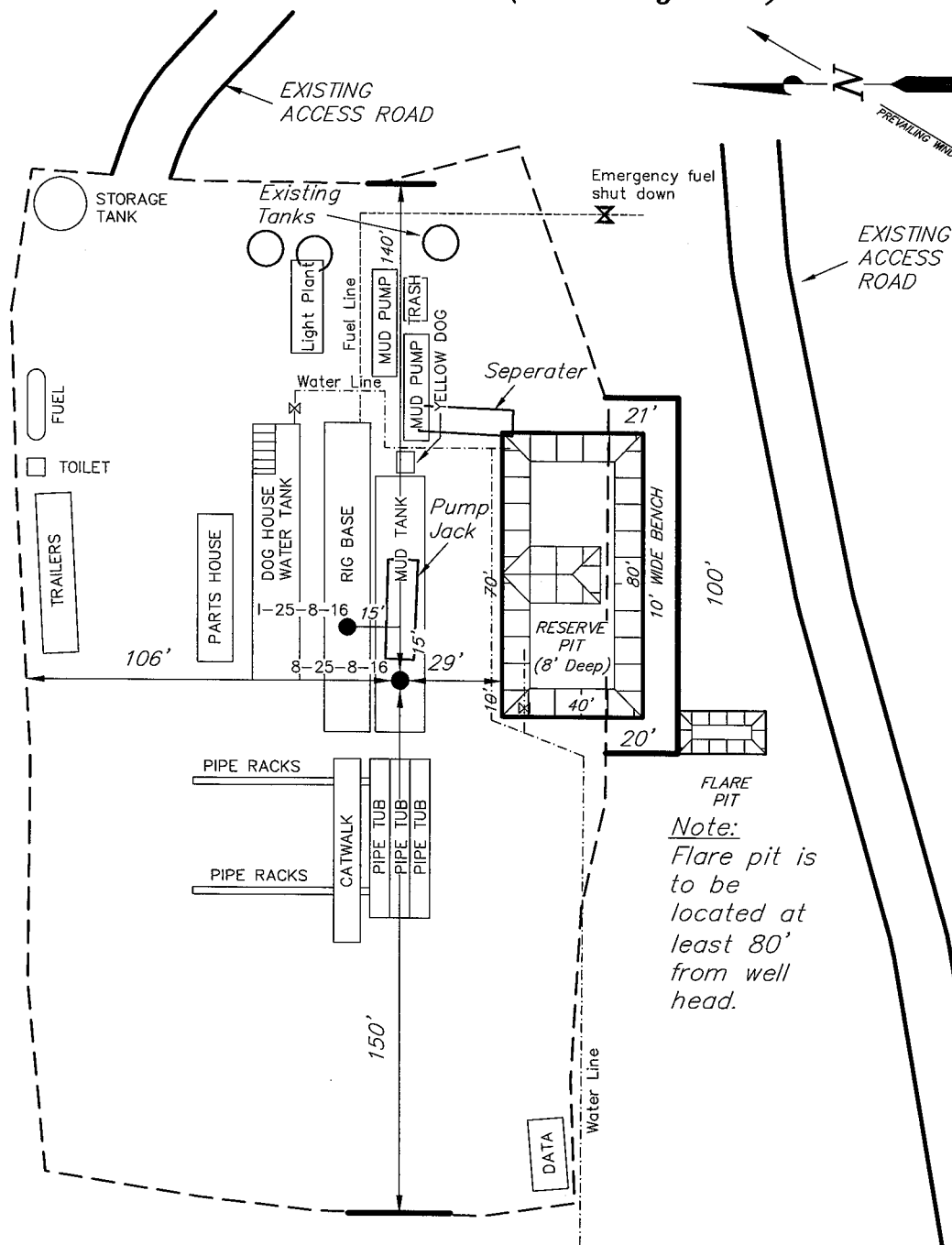
DATE: 05-22-07

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(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

MONUMENT BUTTE NE 1-25-8-16 (Proposed Well)
 MONUMENT BUTTE NE 8-25-8-16 (Existing Well)



Note:
 Flare pit is
 to be
 located at
 least 80'
 from well
 head.

REVISED:

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 05-22-07

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

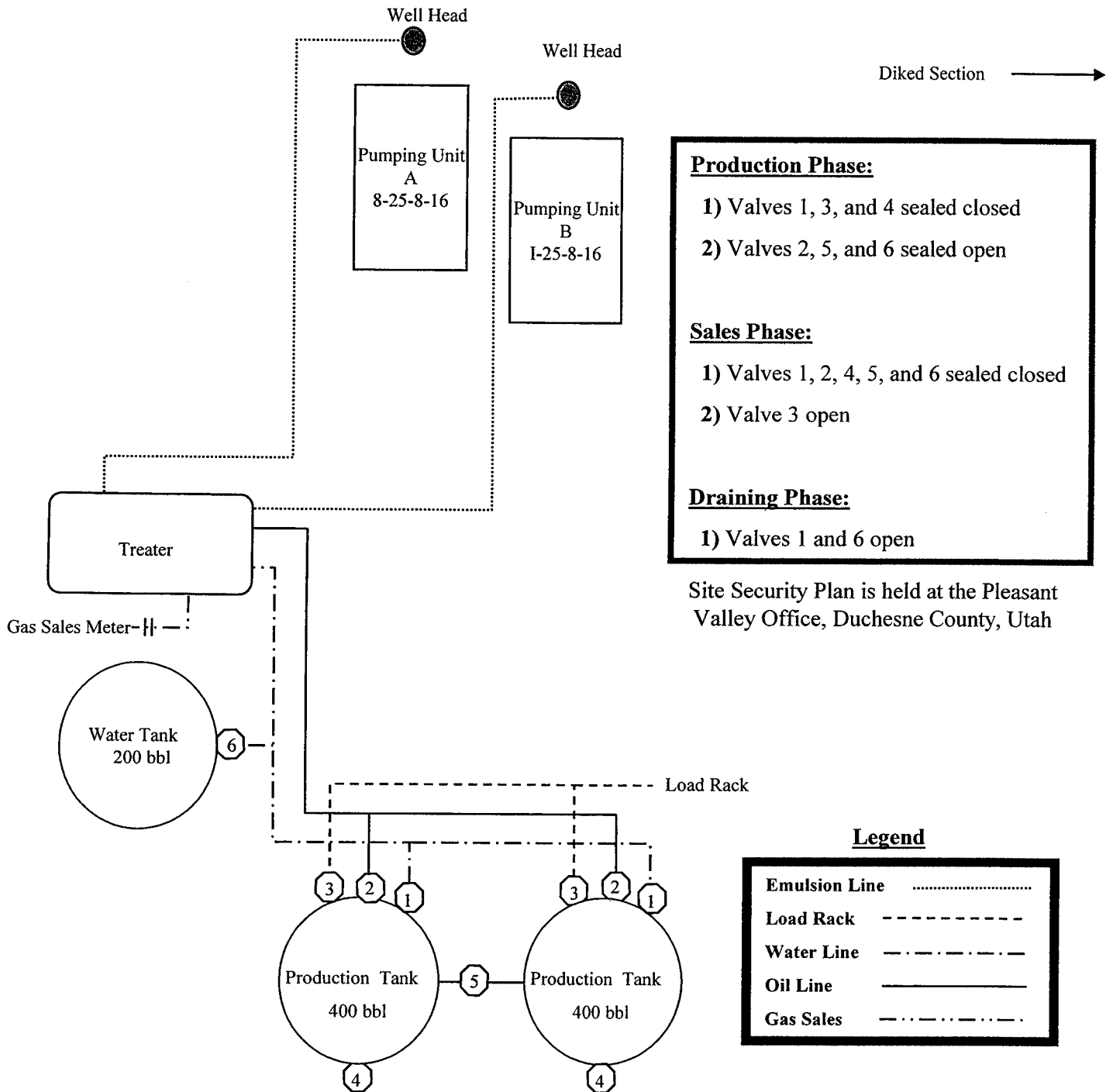
Monument ButteNE Federal I-25-8-16

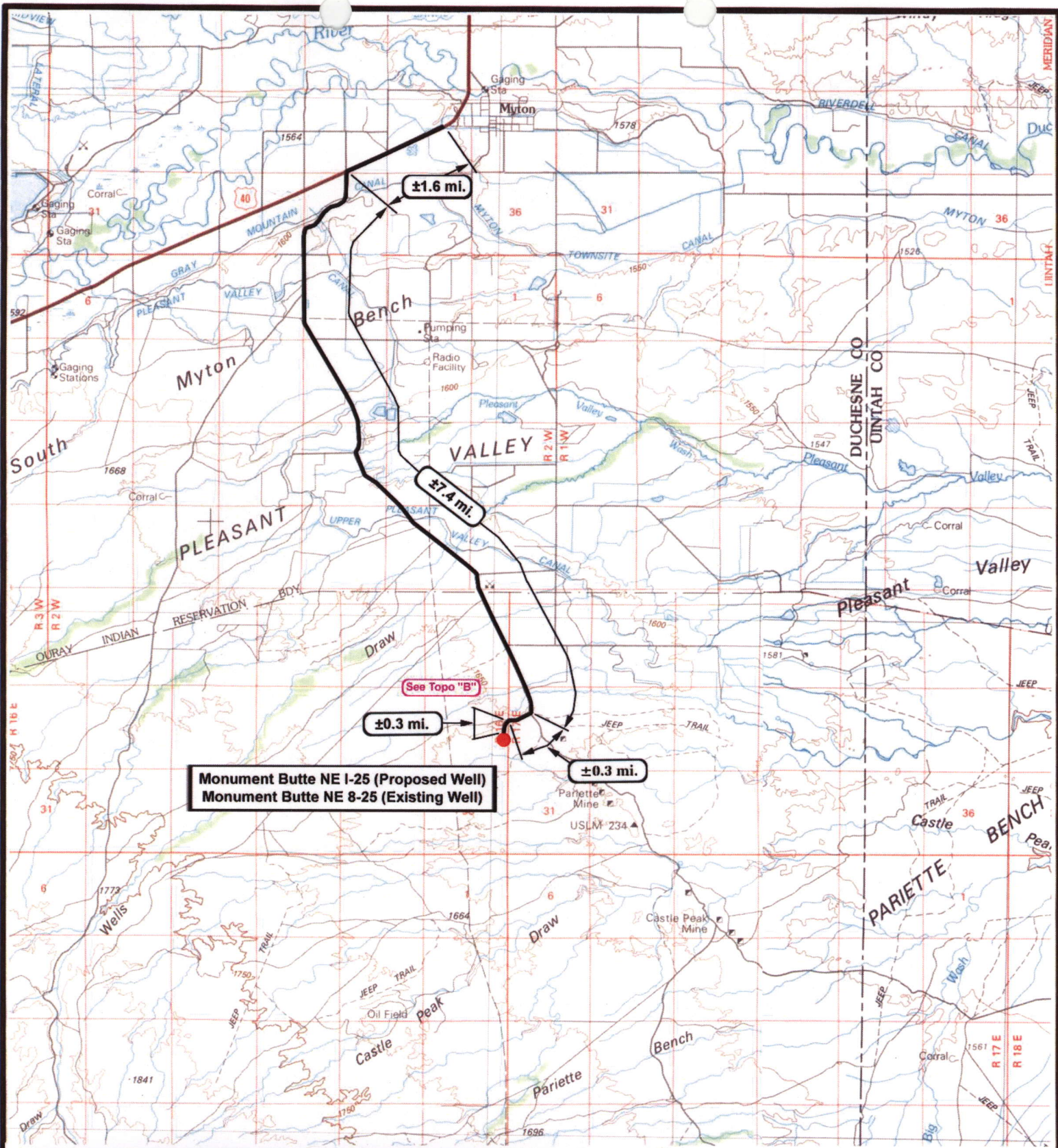
From the Monument Butte Federal 8-25 Location

SE/NE Sec. 25 T8S, 16E

Duchesne County, Utah

UTU-67170





NEWFIELD
Exploration Company

Monument Butte NE I-25-8-16 (Proposed Well)
Monument Butte NE 8-25-8-16 (Existing Well)
Pad Location: SENE SEC. 25, T8S, R16E, S.L.B.&M.



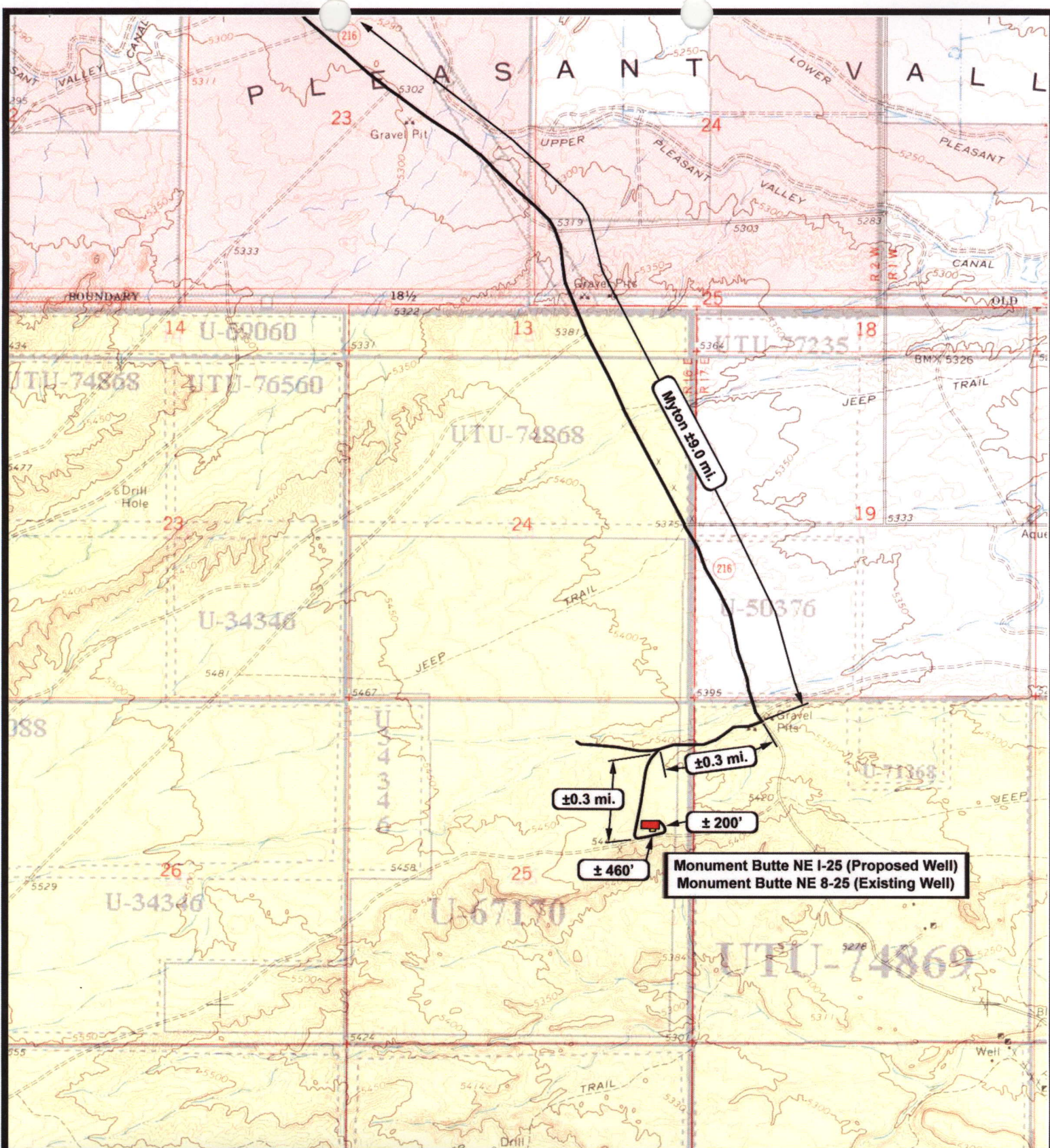
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Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078


SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 05-24-2007

Legend

Existing Road

TOPOGRAPHIC MAP
"A"





NEWFIELD
Exploration Company

Monument Butte NE I-25-8-16 (Proposed Well)
Monument Butte NE 8-25-8-16 (Existing Well)
 Pad Location: SENE SEC. 25, T8S, R16E, S.L.B.&M.





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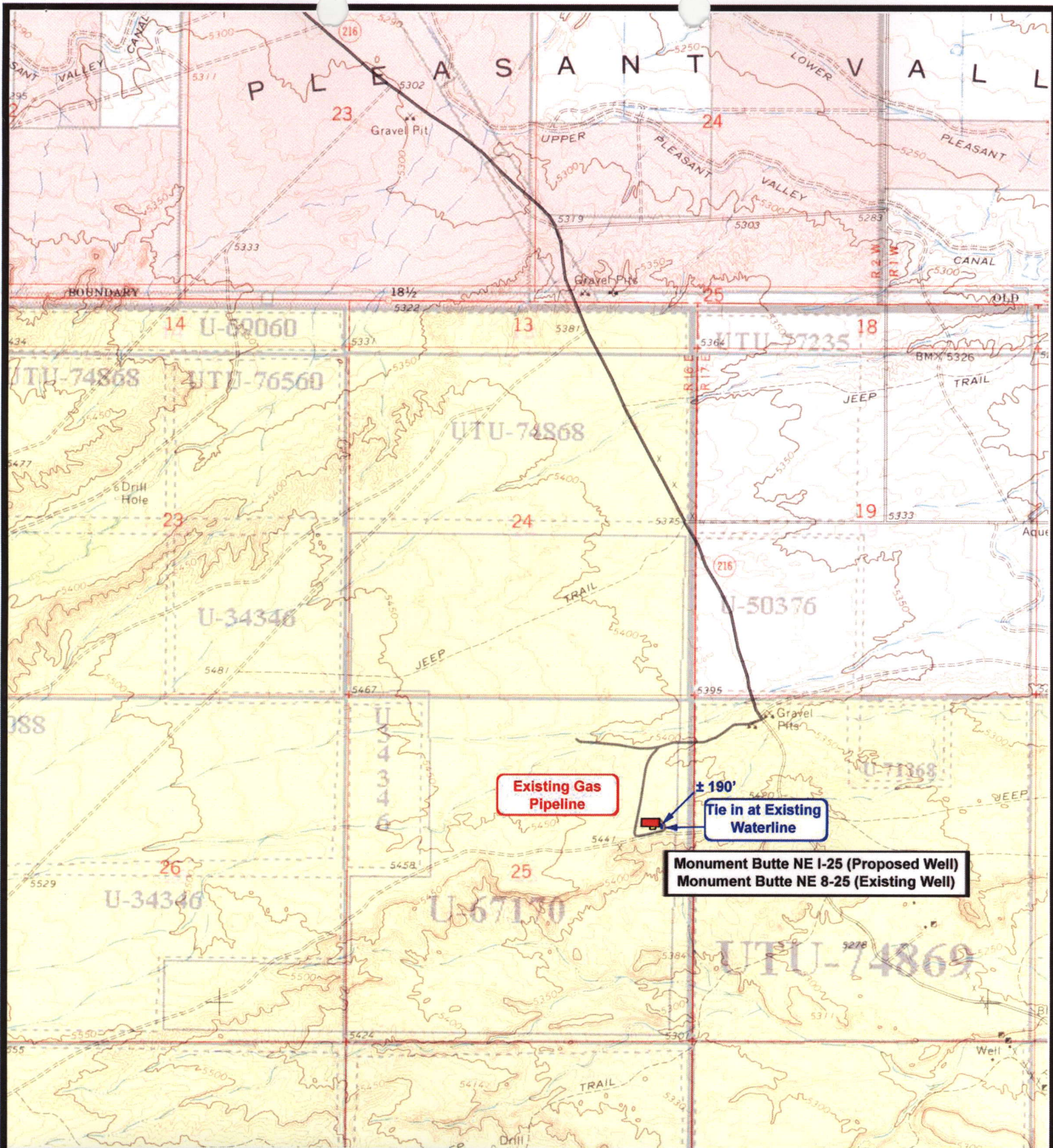
SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 05-24-2007

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Monument Butte NE 1-25-8-16 (Proposed Well)
Monument Butte NE 8-25-8-16 (Existing Well)
Pad Location: SENE SEC. 25, T8S, R16E, S.L.B.&M.



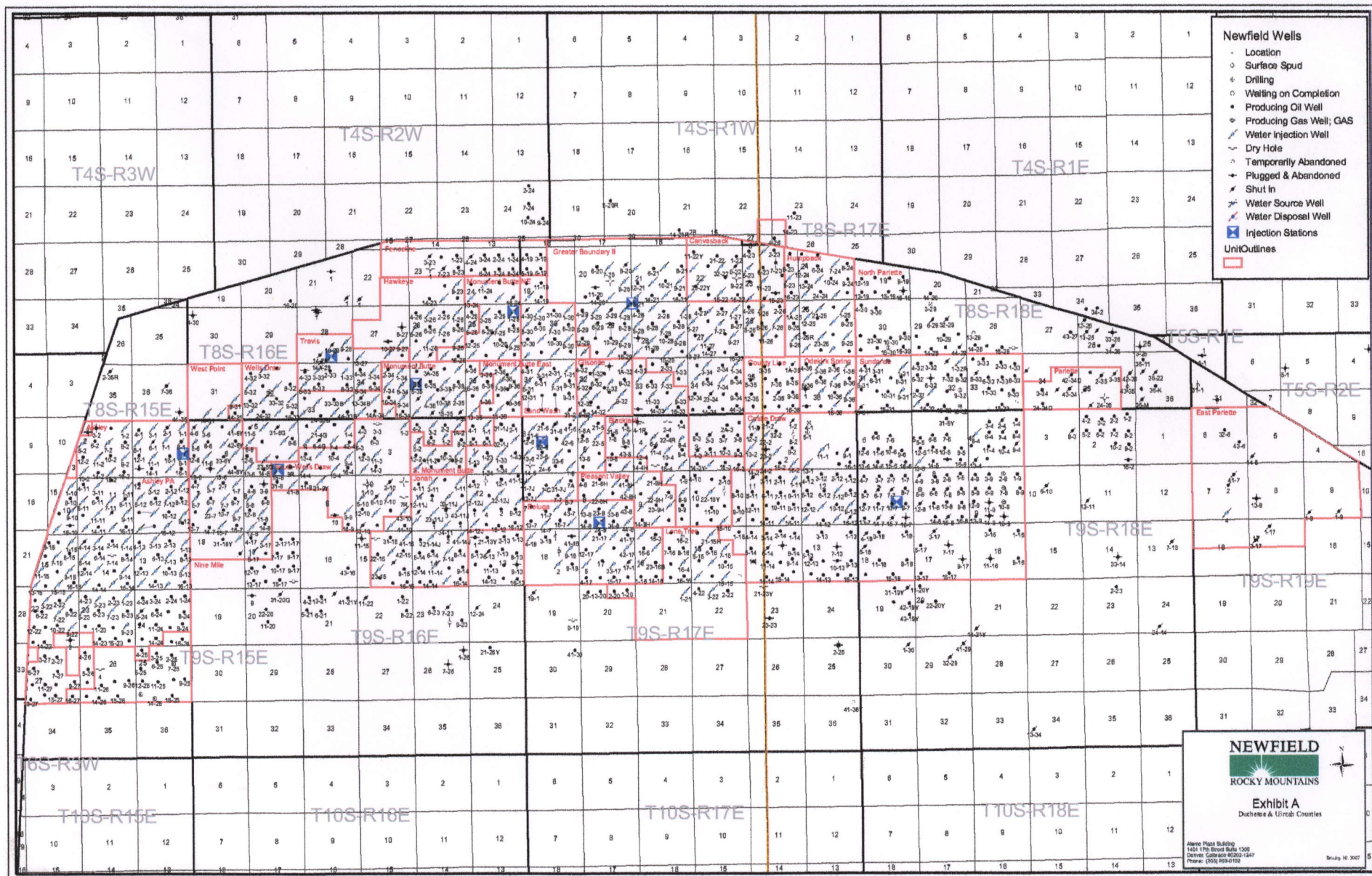
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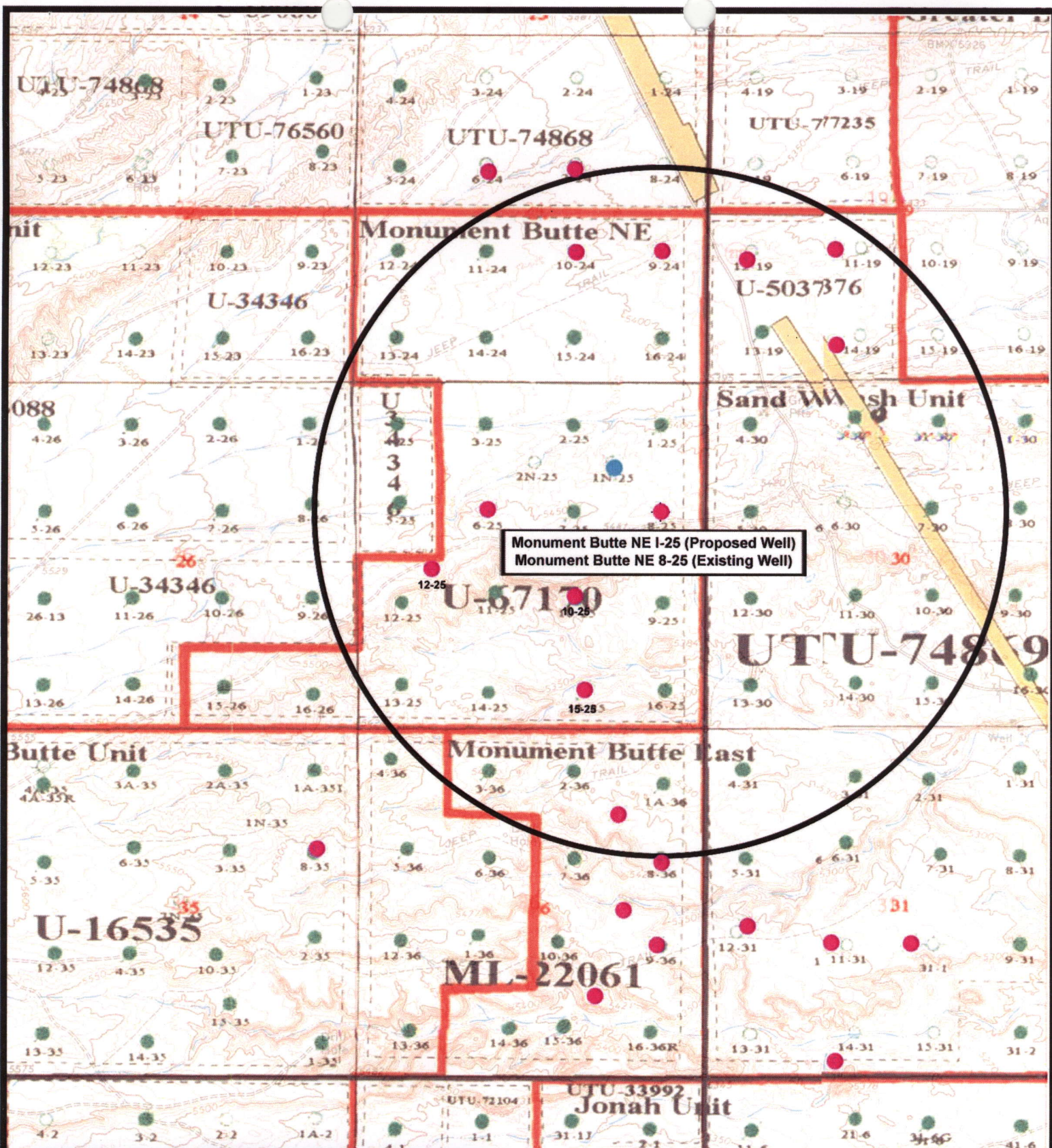
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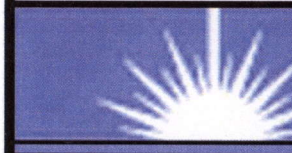
- Roads
- Proposed Water Line

TOPOGRAPHIC MAP
"C"





Monument Butte NE I-25 (Proposed Well)
Monument Butte NE 8-25 (Existing Well)



NEWFIELD
Exploration Company

Monument Butte NE I-25-8-16 (Proposed Well)
Monument Butte NE 8-25-8-16 (Existing Well)
Pad Location: SENE SEC. 25, T8S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-24-2007

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

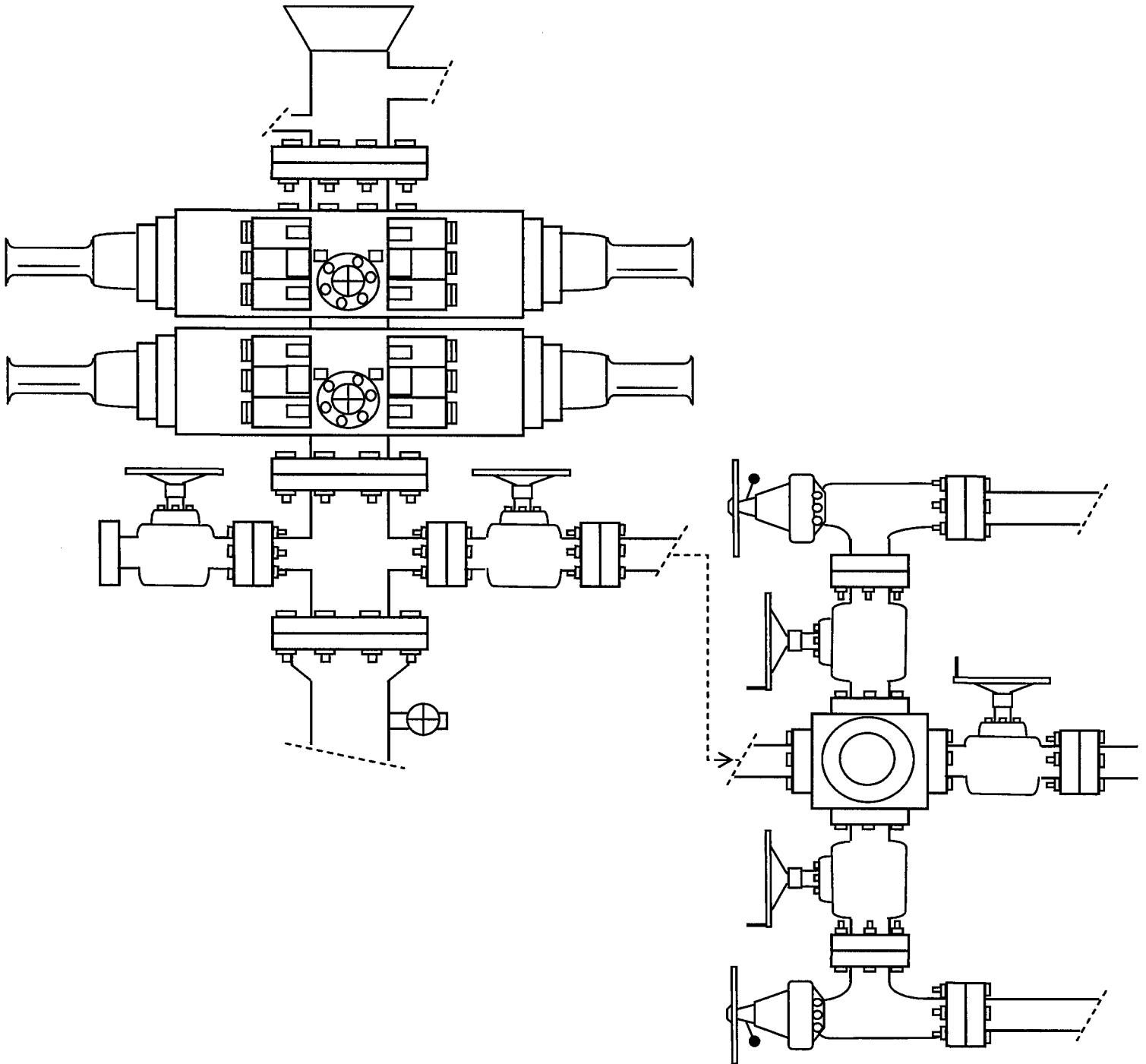


EXHIBIT C

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S 12 PROPOSED
WATERLINES: AU J-1, AU S-12, GB II G-28
HAWKEYE G-26, MB NE 1-25, SW L-31
SWD B-8, SWD L-10, SWD M-10
SWD N-10, SWD R-4 AND WD C-5
DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-286

August 3, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-0931bs

**Paleontological Assessment for
Newfield Exploration Co. Twelve
Proposed Water Pipelines:**

Monument Butte NE I-25-8-16

Hawkeye G-26-8-16

Greater Boundary II G-28-8-17

Sand Wash L-31-8-17

Ashley J-1-9-15, Nine Mile S-12-9-15

Wells Draw C-5-9-16

**South Wells Draw R-4-9-16, B-8-9-16,
L-10-9-16, M-10-9-16, N-10-9-16**

**Myton SE and Myton SW Quadrangles
Duchesne County, Utah**

Prepared for

Newfield Exploration Co.

and

Bureau of Land Management

Prepared by

SWCA Environmental Consultants

August 16, 2007

SWCA Report #UT07-09610-022



Scientific Drilling

Rocky Mountain Operations

Project: Duchesne County, UT
 Site: Monument Butte NE I-25-8-16
 Well: Monument Butte NE I-25-8-16
 Wellbore: OH
 Design: Plan #1

Newfield Exploration Co.

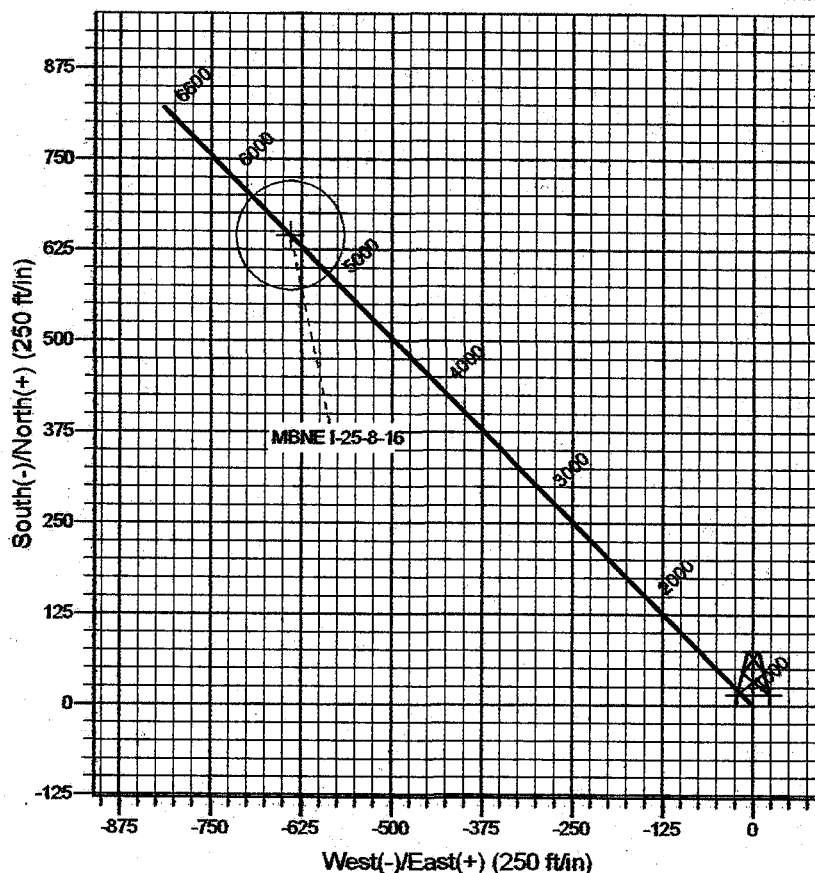
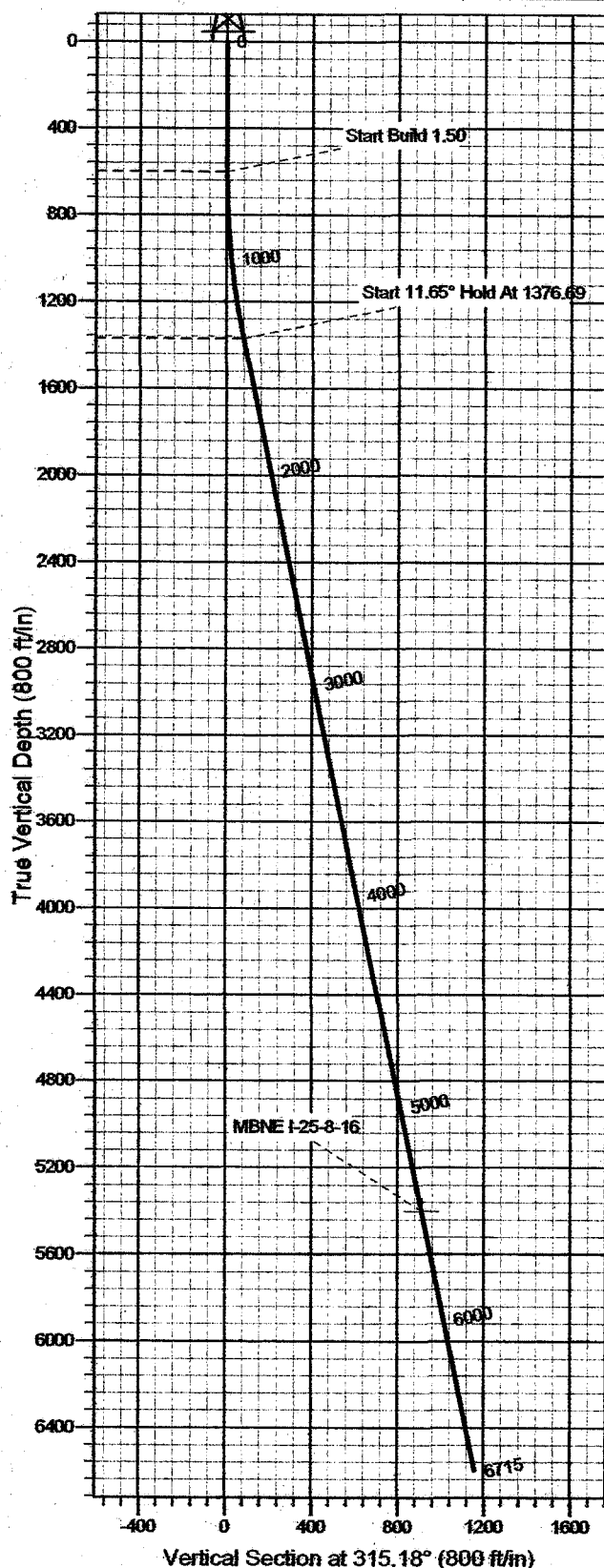


Azimuths to True North
 Magnetic North: 11.81°

Magnetic Field
 Strength: 52705.8nT
 Dip Angle: 65.94°
 Date: 2007-07-11
 Model: IGRF2005-10

WELL DETAILS: Monument Butte NE I-25-8-16

GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 7205032.12 2043085.73 40° 5' 26.680 N 110° 3' 38.330 W



FORMATION TOP DETAILS

Plan: Plan #1 (Monument Butte NE I-25-8-16/OH)

Created By: Rex Hall Date: 2007-07-11

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone

System Datum: Mean Sea Level
 Local North: True

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1376.69	11.65	315.18	1371.35	55.82	-55.47	1.50	315.18	78.69	
4	5490.08	11.65	315.18	5400.00	645.00	-641.00	0.00	0.00	909.35	MBNE I-25-8-16
5	6715.33	11.65	315.18	6600.00	820.50	-815.41	0.00	0.00	1156.77	

Newfield Exploration Co.

Duchesne County, UT

Monument Butte NE 1-25-8-16

Monument Butte NE 1-25-8-16

OH

Plan: Plan #1

Standard Planning Report

11 July, 2007

Scientific Drilling Planning Report

Database:	MultiUserEDM	Local Co-ordinate Reference:	Well Monument Butte NE I-25-8-16
Company:	Newfield Exploration Co.	TVD Reference:	GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
Project:	Duchesne County, UT	MD Reference:	GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
Site:	Monument Butte NE I-25-8-16	North Reference:	True
Well:	Monument Butte NE I-25-8-16	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Duchesne County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Monument Butte NE I-25-8-16, Sec 25 T8S R16E				
Site Position:		Northing:	7,205,032.12 ft	Latitude:	40° 5' 26.680 N
From:	Lat/Long	Easting:	2,043,085.73 ft	Longitude:	110° 3' 38.330 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.92 °

Well	Monument Butte NE I-25-8-16, 1965' FNL & 646' FEL					
Well Position	+N-S	0.00 ft	Northing:	7,205,032.12 ft	Latitude:	40° 5' 26.680 N
	+E-W	0.00 ft	Easting:	2,043,085.73 ft	Longitude:	110° 3' 38.330 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,430.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2007-07-11	11.81	65.94	52,706

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)
	0.00	0.00	0.00	315.18

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TPO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,376.69	11.65	315.18	1,371.35	55.82	-55.47	1.50	1.50	0.00	315.18	
5,490.08	11.65	315.18	5,400.00	645.00	-641.00	0.00	0.00	0.00	0.00	MBNE I-25-8-16
6,715.33	11.65	315.18	6,600.00	820.50	-815.41	0.00	0.00	0.00	0.00	

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Monument Butte NE I-25-8-16
Well: Monument Butte NE I-25-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Monument Butte NE I-25-8-16
TVD Reference: GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
MD Reference: GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.50									
700.00	1.50	315.18	699.99	0.93	-0.92	1.31	1.50	1.50	0.00
800.00	3.00	315.18	799.91	3.71	-3.69	5.23	1.50	1.50	0.00
900.00	4.50	315.18	899.69	8.35	-8.30	11.77	1.50	1.50	0.00
1,000.00	6.00	315.18	999.27	14.84	-14.75	20.92	1.50	1.50	0.00
1,100.00	7.50	315.18	1,098.57	23.18	-23.03	32.68	1.50	1.50	0.00
1,200.00	9.00	315.18	1,197.54	33.36	-33.15	47.03	1.50	1.50	0.00
1,300.00	10.50	315.18	1,296.09	45.37	-45.09	63.96	1.50	1.50	0.00
1,376.69	11.65	315.18	1,371.35	55.82	-55.47	78.69	1.50	1.50	0.00
Start 11.65° Hold At 1376.69									
1,400.00	11.65	315.18	1,394.18	59.16	-58.79	83.40	0.00	0.00	0.00
1,500.00	11.65	315.18	1,492.12	73.48	-73.02	103.59	0.00	0.00	0.00
1,600.00	11.65	315.18	1,590.06	87.80	-87.26	123.79	0.00	0.00	0.00
1,700.00	11.65	315.18	1,688.00	102.13	-101.49	143.98	0.00	0.00	0.00
1,800.00	11.65	315.18	1,785.94	116.45	-115.73	164.18	0.00	0.00	0.00
1,900.00	11.65	315.18	1,883.88	130.77	-129.96	184.37	0.00	0.00	0.00
2,000.00	11.65	315.18	1,981.82	145.10	-144.20	204.56	0.00	0.00	0.00
2,100.00	11.65	315.18	2,079.76	159.42	-158.43	224.76	0.00	0.00	0.00
2,200.00	11.65	315.18	2,177.70	173.75	-172.67	244.95	0.00	0.00	0.00
2,300.00	11.65	315.18	2,275.64	188.07	-186.90	265.15	0.00	0.00	0.00
2,400.00	11.65	315.18	2,373.58	202.39	-201.14	285.34	0.00	0.00	0.00
2,500.00	11.65	315.18	2,471.52	216.72	-215.37	305.53	0.00	0.00	0.00
2,600.00	11.65	315.18	2,569.46	231.04	-229.61	325.73	0.00	0.00	0.00
2,700.00	11.65	315.18	2,667.40	245.36	-243.84	345.92	0.00	0.00	0.00
2,800.00	11.65	315.18	2,765.34	259.69	-258.07	366.11	0.00	0.00	0.00
2,900.00	11.65	315.18	2,863.28	274.01	-272.31	386.31	0.00	0.00	0.00
3,000.00	11.65	315.18	2,961.22	288.33	-286.54	406.50	0.00	0.00	0.00
3,100.00	11.65	315.18	3,059.16	302.66	-300.78	426.70	0.00	0.00	0.00
3,200.00	11.65	315.18	3,157.10	316.98	-315.01	446.89	0.00	0.00	0.00
3,300.00	11.65	315.18	3,255.04	331.30	-329.25	467.08	0.00	0.00	0.00
3,400.00	11.65	315.18	3,352.97	345.63	-343.48	487.28	0.00	0.00	0.00
3,500.00	11.65	315.18	3,450.91	359.95	-357.72	507.47	0.00	0.00	0.00
3,600.00	11.65	315.18	3,548.85	374.28	-371.95	527.67	0.00	0.00	0.00
3,700.00	11.65	315.18	3,646.79	388.60	-386.19	547.86	0.00	0.00	0.00
3,800.00	11.65	315.18	3,744.73	402.92	-400.42	568.05	0.00	0.00	0.00
3,900.00	11.65	315.18	3,842.67	417.25	-414.66	588.25	0.00	0.00	0.00
4,000.00	11.65	315.18	3,940.61	431.57	-428.89	608.44	0.00	0.00	0.00
4,100.00	11.65	315.18	4,038.55	445.89	-443.13	628.63	0.00	0.00	0.00
4,200.00	11.65	315.18	4,136.49	460.22	-457.36	648.83	0.00	0.00	0.00
4,300.00	11.65	315.18	4,234.43	474.54	-471.60	669.02	0.00	0.00	0.00
4,400.00	11.65	315.18	4,332.37	488.86	-485.83	689.22	0.00	0.00	0.00
4,500.00	11.65	315.18	4,430.31	503.19	-500.06	709.41	0.00	0.00	0.00
4,600.00	11.65	315.18	4,528.25	517.51	-514.30	729.60	0.00	0.00	0.00
4,700.00	11.65	315.18	4,626.19	531.84	-528.53	749.80	0.00	0.00	0.00
4,800.00	11.65	315.18	4,724.13	546.16	-542.77	769.99	0.00	0.00	0.00
4,900.00	11.65	315.18	4,822.07	560.48	-557.00	790.19	0.00	0.00	0.00

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Monument Butte NE I-25-8-16
Well: Monument Butte NE I-25-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Monument Butte NE I-25-8-16
TVD Reference: GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
MD Reference: GL 5430' & RKB 12' @ 5442.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.00	11.65	315.18	4,920.01	574.81	-571.24	810.38	0.00	0.00	0.00
5,100.00	11.65	315.18	5,017.95	589.13	-585.47	830.57	0.00	0.00	0.00
5,200.00	11.65	315.18	5,115.89	603.45	-599.71	850.77	0.00	0.00	0.00
5,300.00	11.65	315.18	5,213.83	617.78	-613.94	870.96	0.00	0.00	0.00
5,400.00	11.65	315.18	5,311.77	632.10	-628.18	891.16	0.00	0.00	0.00
5,490.08	11.65	315.18	5,400.00	645.00	-641.00	909.35	0.00	0.00	0.00
MBNE I-25-8-16									
5,500.00	11.65	315.18	5,409.71	646.42	-642.41	911.35	0.00	0.00	0.00
5,600.00	11.65	315.18	5,507.65	660.75	-656.65	931.54	0.00	0.00	0.00
5,700.00	11.65	315.18	5,605.59	675.07	-670.88	951.74	0.00	0.00	0.00
5,800.00	11.65	315.18	5,703.53	689.40	-685.12	971.93	0.00	0.00	0.00
5,900.00	11.65	315.18	5,801.47	703.72	-699.35	992.12	0.00	0.00	0.00
6,000.00	11.65	315.18	5,899.41	718.04	-713.58	1,012.32	0.00	0.00	0.00
6,100.00	11.65	315.18	5,997.35	732.37	-727.82	1,032.51	0.00	0.00	0.00
6,200.00	11.65	315.18	6,095.29	746.69	-742.05	1,052.71	0.00	0.00	0.00
6,300.00	11.65	315.18	6,193.23	761.01	-756.29	1,072.90	0.00	0.00	0.00
6,400.00	11.65	315.18	6,291.17	775.34	-770.52	1,093.09	0.00	0.00	0.00
6,500.00	11.65	315.18	6,389.11	789.66	-784.76	1,113.29	0.00	0.00	0.00
6,600.00	11.65	315.18	6,487.05	803.98	-798.99	1,133.48	0.00	0.00	0.00
6,700.00	11.65	315.18	6,584.99	818.31	-813.23	1,153.68	0.00	0.00	0.00
6,715.33	11.65	315.18	6,600.00	820.50	-815.41	1,156.77	0.00	0.00	0.00

Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
MBNE I-25-8-16	0.00	0.00	5,400.00	645.00	-641.00	7,205,666.72	2,042,434.44	40° 5' 33.054 N	110° 3' 46.579 W
- plan hits target									
- Circle (radius 75.00)									

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,376.69	1,371.35	55.82	-55.47	Start 11.65° Hold At 1376.69

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/24/2007

API NO. ASSIGNED: 43-013-33760

WELL NAME: MB NE FED I-25-8-16

OPERATOR: Newfield Prod. Co. (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SENE 25 080S 160E

SURFACE: 1965 FNL 0646 FEL

BOTTOM: 1321 FNL 1319 FEL

COUNTY: DUCHESNE

LATITUDE: 40.09074 LONGITUDE: -110.0599

UTM SURF EASTINGS: 580145 NORTHINGS: 4438042

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-67170

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.

Unit: _____

☐ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☐ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 213-3(A)

Eff Date: 5-23-1997

Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- See Separate file

MONUMENT BUTTE FIELD

T8S R16E

CAUSE: 213-5 / 5-23-1997
**HAWKEYE (GR)
UNIT**

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 25 T.8S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 213-3 (A) / 5-23-1997

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON
DATE: 31-AUGUST-2007



August 23, 2007

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Monument Butte NE Federal I-25-8-16
U-67170
Monument Butte NE Unit
Surface Hole: T8S R16E, Section 25: SE/4NE/4
1965' FNL 646' FEL
Bottom Hole: T8S R16E, Section 25: SE/4NE/4
1321' FNL 1319' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated July 31, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both covered by Federal lease U-67170. Newfield certifies that it owns 100% of the working interest in all of the lands covered by U-67170 and all lands within 460 feet of the entire directional well bore.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-67170

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Monument Butte NE Unit

8. Lease Name and Well No.
Monument Butte NE Federal I-25-8-16

9. API Well No.

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SE/NE 1965' FNL 646' FEL

At proposed prod. zone SE/NE 1321' FNL 1319' FEL

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 25, T8S R16E

14. Distance in miles and direction from nearest town or post office*

Approximatley 9.7 miles southeast of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 1319' f/lease, 1319' f/unit

16. No. of Acres in lease

1879.9

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1317'

19. Proposed Depth

6600'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5430' GL

22. Approximate date work will start*
4th Quarter 2007

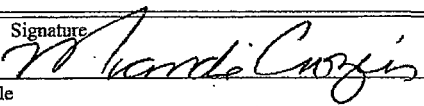
23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature


Name (Printed/Typed)
Mandie Crozier

Date
7/31/07

Title
Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2007

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Monument Butte NE Federal 1-25-8-16 Well, Surface Location 1965' FNL, 646' FEL, SE NE, Sec. 25, T. 8 South, R. 16 East, Bottom Location 1321' FNL, 1319' FEL, SE NE, Sec. 25, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33760.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Monument Butte NE Federal 1-25-8-16
API Number: 43-013-33760
Lease: UTU-67170

Surface Location: SE NE Sec. 25 T. 8 South R. 16 East
Bottom Location: SE NE Sec. 25 T. 8 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2007

*Amended September 19, 2007

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

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Enclosures

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Bureau of Land Management, Vernal Office



Operator: Newfield Production Company
Well Name & Number Monument Butte NE Federal I-25-8-16*
API Number: 43-013-33760
Lease: UTU-67170

Surface Location: SE NE **Sec. 25** **T. 8 South** **R. 16 East**
Bottom Location: SE NE **Sec. 25** **T. 8 South** **R. 16 East**

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5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

2007 AUG 23 AM 11:28

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-67170
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. /
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Monument Butte NE Federal I-25-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 1965' FNL 646' FEL At proposed prod. zone SE/NE 1321' FNL 1319' FEL		9. API Well No. 43 613 33760
14. Distance in miles and direction from nearest town or post office* Approximatley 9.7 miles southeast of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1319' f/lse, 1319' f/unit		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 25, T8S R16E
16. No. of Acres in lease 1879.9	17. Spacing Unit dedicated to this well 20 Acres	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1317'	19. Proposed Depth 6600'	13. State UT
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5430' GL	22. Approximate date work will start* 4th Quarter 2007
23. Estimated duration Approximately seven (7) days from spud to rig release.		24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 7/31/07
--	--	-----------------

Title
Regulatory Specialist

Approved by (Signature) <i>Jerry Kenicka</i>	Name (Printed/Typed) JERRY KENICKA	Date AUG 21 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
AUG 25 2008

DIV. OF OIL, GAS & MINING

NOS 6/11/07
07PP2168A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Monument Butte NE Federal I-25-8-16
API No: 43-013-33760

Location: SENE Sec 25, T8S, R16E
Lease No: UTU-67170
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

SURFACE USE PROGRAM **CONDITIONS OF APPROVAL (COAs)**

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface COAs

STIPULATIONS:

- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance to Mountain plover nesting from May 15 – June 15.

Lease Notices (field review and RMP):

- Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of the onsite should require additional surveys and clearances.

Based on the previous field exam and existing data, and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed immediately upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area **shall be seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"

Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅓ – ¼"
Forage Kochia	<i>Kochia prostrata</i>	0.10	⅓ – ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface
- Logging: Run gamma ray and electric logs TD to surface casing

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-67170

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

MONUMENT BUTTE NE

8. Well Name and No.

MON BUTTE NE FED 1-25-8-16

9. API Well No.

43-013-33760

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1965 FNL 646 FEL SE/NE Section 25, T8S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-02-08
By: [Signature]

COPY SENT TO OPERATOR

Date: 9.3.2008

Initials: KS

RECEIVED

AUG 28 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

8/27/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33760
Well Name: Mon. Butte NE Federal I-25-8-16
Location: SE/NE Section 25,T8S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 9/4/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

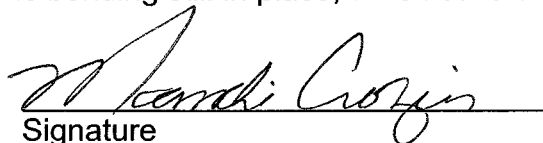
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

8/27/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig
Name/# Ross #29 Submitted By Alvin
Nielsen Phone Number 435-823-
7468
Well Name/Number Monument Butte NE Federal I-25-8-
16
Qtr/Qtr SE/NE Section 25 Township 8S Range
16E
Lease Serial Number UTU
67170
API Number 43-013-
33760

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 2/18/09 11:00 AM ☒
PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

☒ Date/Time 2/18/09 4:00 AM ☐ PM

BOPE

☐ Initial BOPE test at surface casing point

- ☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks Ross Rig # 29 spud the Monument Butte NE Federal I-
25-8-16 on 2/18/09 @ 11:00 AM & Run casing around 4:00 PM
2/18/09. .

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

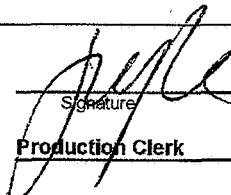
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	172	4304740275	LAMB 1-34-4-1E	NENE	34	4S	1E	UINTAH	2/18/2009	
WELL 1 COMMENTS:											
B	99999	15150 ✓	4301333760	MON BT NE 1-25-8-16 ^{FED}	SENE	25	8S	16E	DUCHESNE	2/18/2009	2/19/09
GRRV BHL = SENE											
A	99999	17285	4304740166	FEDERAL 4-28-8-18	NWNW	28	8S	18E	UINTAH	2/12/2009	2/19/09
GRRV											
A	99999	17286	4304740272	LAMB 4-34-4-1E	NWNW	34	4S	1E	UINTAH	2/17/2009	2/19/09
GRRV											
B	99999	12391 ✓	4301334096	GREATER BOUNDARY II FEDERAL L-28-8-17	SWNE	28	8S	17E	DUCHESNE	2/14/2009	2/19/09
WELL 5 COMMENTS: GRRV BHL = SWNE											
A	99999	17287	4304740274	LAMB 2-34-4-1E	NWNE	34	4S	1E	UINTAH	2/6/2009	2/19/09
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - h new entity for new well (single well only)
- B - v well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
FEB 19 2009

Signature 
Jentri Park
Production Clerk
02/19/09
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

169S FNL 646 FEL

Section 25 T8S R16E

5. Lease Serial No.

USA UTU-67170

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

MON BUTTE NE

8. Well Name and No.

MON BT NE I-25-8-16

9. API Well No.

4301333760

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/18/09 MIRU Ross Rig # 29. Spud well @ 11:00 AM. Drill 328' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 332.53 KB On 2/21/09 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 0 bbls cement to pit. Cement was 130' down. Come back on 2/23/09 run 130' of 1" pipe in hole & pumped 85 sks Class " G " neat cement mixed @ 15.8 ppg & 1.15 yield, 4 bbls of cement returned to pit WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

Alvin Nielsen

Title

Drilling Foreman

Date

02/24/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

MAR 02 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 332.53

LAST CASING 8 5/8" SET AT 332.53
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 328 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL MON BT NE I-25-8-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 2

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		92 casing head					A	0.95
7	8 5/8"	Surface casing		24	J-55	STC	A	281.93
1	8 5/8"	Baffle plate					A	0
1	8 5/8"	Surface casing		24	J-55	STC	A	38.75
1	8 5/8"	Guide shoe					A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				
TOTAL LENGTH OF STRING		322.53	8	LESS CUT OFF PIECE				
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				
TOTAL		320.68	8					
TOTAL CSG. DEL. (W/O THRDS)		320.68	322	} COMPARE				
TIMING								
BEGIN RUN CSG.	Spud	11:00 AM	2/18/2009	GOOD CIRC THRU JOB				
CSG. IN HOLE		5:00 PM	2/18/2009	Bbls CMT CIRC TO SURFACE				
BEGIN CIRC		11:44 AM	2/21/2009	RECIPROCATED PIPI				
BEGIN PUMP CMT		11:55 AM	2/21/2009					
BEGIN DSPL. CMT		12:05 PM	2/21/2009	BUMPED PLUG TO				
PLUG DOWN		12:13 PM	2/21/2009	420				

[illegible]

COMPANY REPRESENTATIVE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1695 FNL 646 FEL

Section 25 T8S R16E

5. Lease Serial No.

USA UTU-67170

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

MON BUTTE NE

8. Well Name and No.

MON BT NE 1-25-8-16

9. API Well No.

4301333760

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 3/17/09 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 290'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6653'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 168 jt's of 5.5 J-55, 15.5# csgn. Set @ 6624' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 30 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 120,000 #'s tension. Release rig @ 10:00 PM on 3/25/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Title

Drilling Foreman

Signature

Date

03/28/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

APR 08 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6624.42

LAST CASING 5 1/2" SET AT 6624.42

DATUM

DATUM TO CUT OFF CASING

DATUM TO BRADENHEAD FLANGE

TD DRILLER	<u>6653</u>	LOGG	<u>6647</u>
------------	-------------	------	-------------

HOLE SIZE 7 7/8"

OPERATOR Newfield Exploration Company

WELL MON BT NE I-25-8-16FIELD/PROSPECT Monument Butte

CONTRACTOR & RIG # _____ NDSI # 1 _____

LOG OF CASING STRING:

[illegible]

[illegible]

COMPANY REPRESENTATIVE

DATE **3/25/2009**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-67170

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: MON BUTTE NE
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: MON BT NE I-25-8-16
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1965 FNL 646 FEL		9. API NUMBER: 4301333760
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 25, T8S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/04/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 04/23/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 06/04/2009

(This space for State use only)

RECEIVED

JUN 08 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry
MON BT NE I-25-8-16
2/1/2009 To 6/30/2009

4/8/2009 Day: 1**Completion**

Rigless on 4/8/2009 - 4-14-09 CBL/Perforated 1st stage- Instal 5M frac head & Cameron BOP's. RU Hot Oil truck & pressure casing, blind rams, frac head, casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6531' w/ cement top @ 44'. Perforate CP4 sds @ 6338-6346' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 32 shots. 156 bbls EWTR. SIFN.

4/16/2009 Day: 2**Completion**

Rigless on 4/16/2009 - RU BJ Services & Perforators LLC WL. Frac & Perforate 6 stages. RD frac crew & WL. Flow back well for 4 hrs. SIWFN w/ 2155 BWTR.- RU BJ Services & Perforators LLC WLT, Crane & lubricator. Frac & perforate 6 stages w/ a total of 235,00#'s of sand. RD BJ & Perforators. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed for 4 hrs & died. Rec est 446 bbls of wtr. SIWFN w/ 2155 BWTR.

4/20/2009 Day: 3**Completion**

Nabors #809 on 4/20/2009 - MIRU Nabors 809. Change out BOP & WH. Talley, PU & RIH w/ 4 3/4" bit & tbq. Drilled out 1st plug. Well begin flowing. SIWFN w/ 2046 BWTR.- MIRU Nabors 809. 50 psi on well. Bleed off pressure. ND Cameron WH & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, Bit sub & 159- jts of 2 7/8" J-55 tbq. Tagged sand @ 4987'. RU Nabors power swivel & pump lines. Circulate sand clean down to plug @ 5130'. Drilled out plug. Well begin to flow. SIWFN w/ EOT @ 5144'. 2046 BWTR.

4/21/2009 Day: 4**Completion**

Nabors #809 on 4/21/2009 - 1300 psi on tbq, 1200 psi on csg. Drill out remaining 4 plugs & C/O to PBTD. LD extra tbq. Well flowed up csgs while drilling out plugs. Gained a total of 560 BTF while drilling. Transferred est 330 bbls of oil to MBNE 6-25-8-16.- 1300 psi on tbq, 1200 psi on csg. Bleed off pressure to production tanks. Pump down tbq to kill well. Continue to drill up plugs & circulate sand. Csg flowed entire time drilling out plugs. Tagged sand @ 5200', 2nd plug @ 5320' (Drilled up in 20 mins), Tagged 3rd plug @ 5600' (Drilled out in 26 mins), Tagged sand @ 6018', 4th plug @ 6040' (Drilled out in 27 mins), Tagged 5th plug @ 6250' (Drilled out in 23 mins), Tagged fill @ 6395'. Circulate clean down to PBTD @ 6578'. Circulate well for 1 hr. LD 6 jts of tbq. EOT @ 6395'. SIWFN. Recovered 320 bbls of oil & 240 bbls of wtr. 1806 BWTR.

4/22/2009 Day: 5**Completion**

Nabors #809 on 4/22/2009 - (4-22-09) Circulate well w/ 10# brine wtr to kill. TOH w/ tbq, LD bit. TIH w/ production tbq. Circulate well w/ 10# brine wtr to kill. ND BOP, Set TA, NU WH. Get ready to run rods. SIWFN w/ 1716 BWTR.- (4-22-09) 600 psi on tbq, 800 psi on csg. Bleed off pressure to production tanks. Pumped down tbq w/ 20 bbls of production wtr & 280 bbls of 10# brine wtr to kill well. Gained 55 bbls of fluid while circulating. POOH w/ 144 jts of tbq. Well started flowing up csg. Circulate well w/ 40 bbls of 10# brine to kill. Finish TOH w/ 60 jts of tbq. LD bit & bit sub. PU & RIH w/ production tbq as follows: NC, 2- jts of tbq, SN, 1- jt tbq, 5 1/2" TA & 201 jts of 2 7/8" J-55 tbq. Csg flowed 60 bbls of fluid to flat tank while TIH. Circulate well w/ 200 bbls of 10# brine wtr to kill. ND BOP's. Set TA w/ 17,000#'s of tension. NU WH. Get ready to run rods. SIWFN w/ 1716 BWTR.

4/23/2009 Day: 6**Completion**

Nabors #809 on 4/23/2009 - (4-23-09) PU rods & POP @ 2:30 PM w/ 102" SL @ 4 SPM. 1561 BWTR. FINAL REPORT!!!- (4-24-09) 50 psi on tbg, 650 psi on csg. Open csg up to production tanks. Pumped 20 bbls of 10# brine down tbg to kill tbg. PU & RIH w/ new rod string as follows. Central Hydraulic 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 249- 7/8" Guided rods (8 per), 1- 6', 1- 2' X 7/8" ponies rods, 1 1/2" X 30' Polish rod. Hang head, Space out rods. Fill tbg w/ 5 bbls wtr. Pressure test w/ rig to 800 psi, Good. RDMO. POP @ 2:30 PM w/ 102" SL @ 4 SPM. 1561 BWTR. FINAL REPORT!!! **Finalized**

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-67170

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1965 FNL SE/NE
165 FNL & 646 FEL (SWNE) SEC. 25, T8S, R16E

At top prod. interval reported below BHL: 1321 FNL & 1319 FEL (SWNE)

At total depth 6665
BHL 1177 FNL 1408 FEL NWNE S45 T08S

14. Date Spudded
02/18/2009

15. Date T.D. Reached
03/24/2009

16. Date Completed 04/23/2009
☐ D & A ☒ Ready to Prod.

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
MONUMENT BUTTE NE

8. Lease Name and Well No.
MONUMENT BUTTE NE 1-25-8-16

9. AFI Well No.
43-013-33760

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 25, T8S, R16E

12. County or Parish

DUCHESNE

13. State

UT

18. Total Depth: MD 6665'
TVD 6545'

19. Plug Back T.D.: MD 6578'
TVD

20. Depth Bridge Plug Set: MD
TVD

17. Elevations (DF, RKB, RT, GL)*
5430' GL 5442' KB

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		332'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6664'		350 PRIMLITE		44'	
						475 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6404'	TA @ 6308'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP4) 6338-6346'	.49"	4	32
B) GREEN RIVER			(CP2) 6197-6204'	.49"	4	28
C) GREEN RIVER			(LODC) 5939-5950'	.49"	4	44
D) GREEN RIVER			(B1) 5514-5524'	.49"	4	40

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6338-6346'	Frac w/ 30103# of 20/40 snd 438 bbls fluid
6197-6204'	Frac w/ 19738# 20/40 snd 342 bbls fluid
5939-5950'	Frac w/ 50461# 20/40 snd 475 bbls fluid
5514-5524'	Frac w/ 45123# 20/40 snd 461 bbls fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/23/09	05/01/09	24	→	108	0	46			2-1/2" x 1-3/4" x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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JUN 22 2009

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4156' 4366'
				GARDEN GULCH 2 POINT 3	4488' 4772'
				X MRKR Y MRKR	5010' 5044'
				DOUGALS CREEK MRK BI CARBONATE MRK	5172' 5432'
				B LIMESTON MRK CASTLE PEAK	5574' 6105'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6516' 6647'

32. Additional remarks (include plugging procedure):

(D1) 5211-5223' .49" 4/48 5211-5223' Frac w/ 55201#'s of 20/40 sand in 500 bbls of fluid
(DS1) 5058-5069' .49" 4/44 5058-5069' Frac w/ 36203#'s of 20/40 sand in 384 bbls of fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi LeeTitle Production ClerkSignature Tammi LeeDate 06/19/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



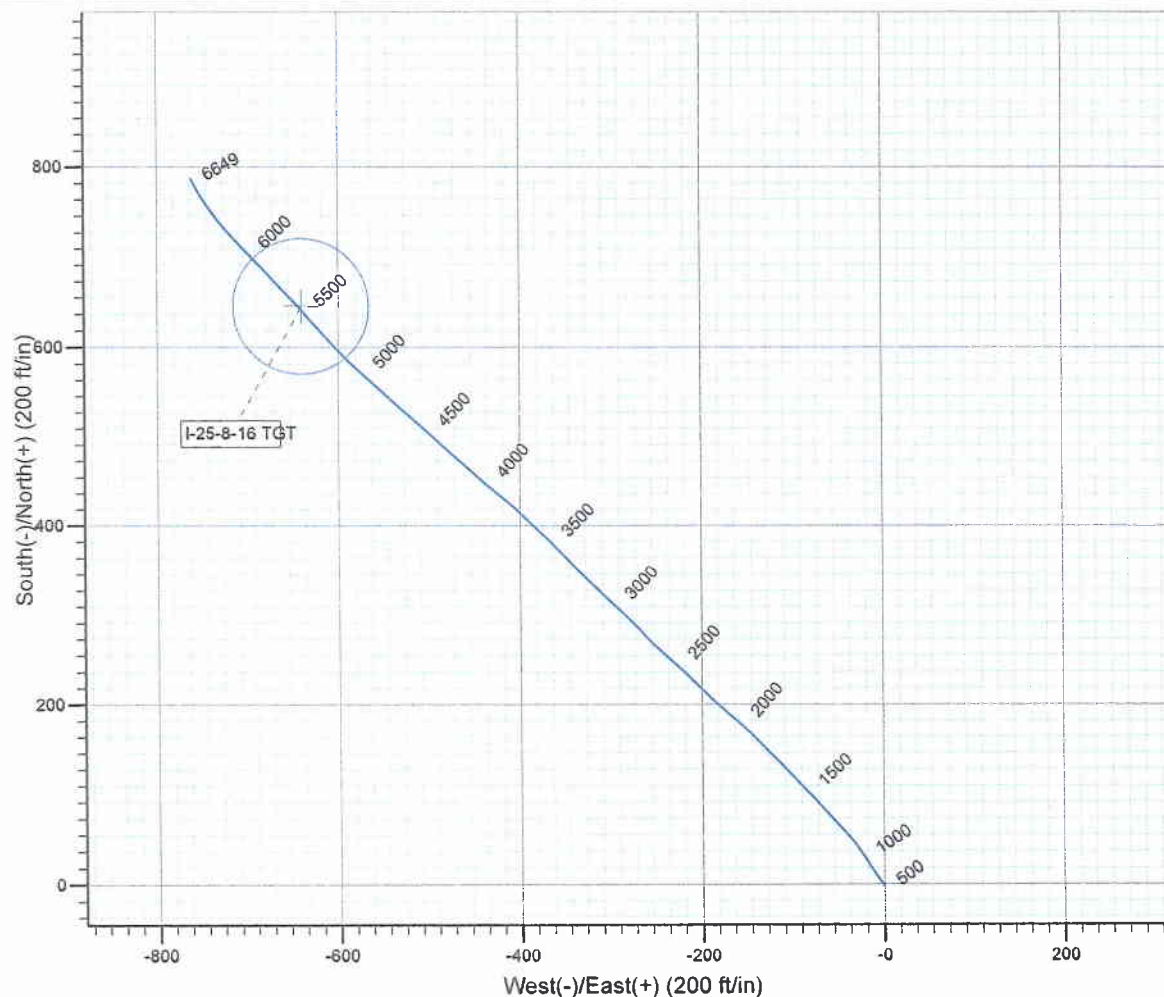
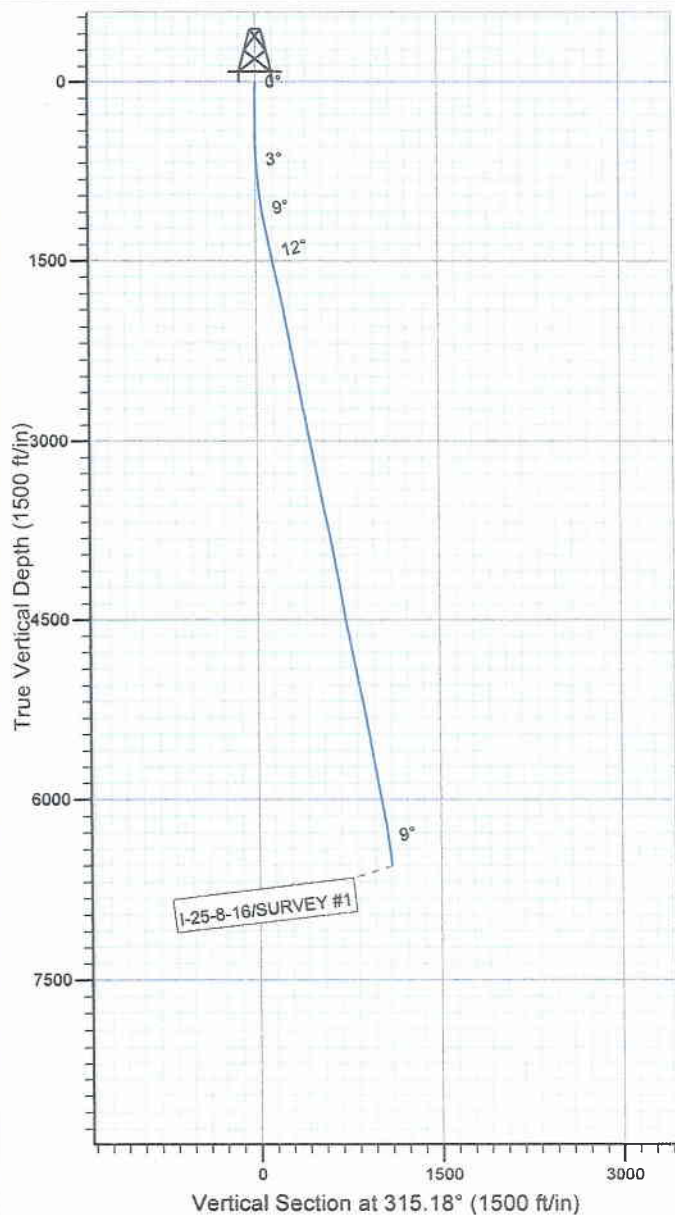
Project: USGS Myton SW (UT)
 Site: SECTION 25 T8S, R16E
 Well: I-25-8-16
 Wellbore: Wellbore #1
 SURVEY: SURVEY #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.60°

Magnetic Field
 Strength: 52553.8snT
 Dip Angle: 65.90°
 Date: 2009/02/17
 Model: IGRF200510



HATHAWAY ^{HB} BURNHAM
 DIRECTIONAL & MWD SERVICES

Design: SURVEY #1 (I-25-8-16/Wellbore #1)

Created By: *Jim Hudson* Date: 8:57, March 26 2009

THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD
 DATA.



NEWFIELD EXPLORATION

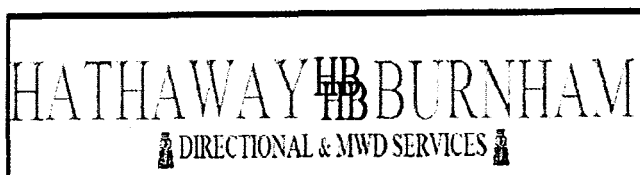
**USGS Myton SW (UT)
SECTION 25 T8S, R16E
I-25-8-16**

Wellbore #1

Design: SURVEY #1

Standard Survey Report

26 March, 2009





HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 25 T8S, R16E
Well: I-25-8-16
Wellbore: Wellbore #1
Design: SURVEY #1

Local Co-ordinate Reference: Well I-25-8-16
TVD Reference: I-25-8-16 @ 5442.00ft (NEWFIELD 2)
MD Reference: I-25-8-16 @ 5442.00ft (NEWFIELD 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site SECTION 25 T8S, R16E, SEC 25 T8S, R16E

Site Position:		Northing:	7,204,500.00ft	Latitude:	40.089371
From:	Lat/Long	Easting:	2,042,000.00ft	Longitude:	-110.064543
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.92 °

Well I-25-8-16, SHL LAT: 40 05 26.68, LONG: -110 03 38.33

Well Position	+N/-S	0.00 ft	Northing:	7,205,017.70 ft	Latitude:	40.090744
	+E/-W	0.00 ft	Easting:	2,043,081.65 ft	Longitude:	-110.060647
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	0.00 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/02/17	11.60	65.90	52,554

Design SURVEY #1

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
-----------------	-----	---------------	--------	----------------------	------

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5,400.00	0.00	0.00	315.18

Survey Program Date 2009/03/26

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
415.00	6,649.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
415.00	0.60	181.30	414.99	-2.17	-0.05	-1.51	0.14	0.14	0.00
445.00	0.40	184.00	444.99	-2.43	-0.06	-1.68	0.67	-0.67	9.00
476.00	0.20	293.10	475.99	-2.52	-0.12	-1.71	1.62	-0.65	351.94
507.00	0.90	326.30	506.99	-2.30	-0.30	-1.42	2.39	2.26	107.10
537.00	1.50	328.50	536.98	-1.77	-0.64	-0.80	2.01	2.00	7.33
569.00	2.10	329.10	568.97	-0.91	-1.16	0.17	1.88	1.87	1.87
599.00	2.50	326.60	598.94	0.11	-1.80	1.35	1.37	1.33	-8.33
630.00	3.10	327.30	629.91	1.38	-2.63	2.83	1.94	1.94	2.26
661.00	3.60	324.50	660.85	2.88	-3.64	4.61	1.70	1.61	-9.03
691.00	4.10	323.20	690.78	4.51	-4.83	6.60	1.69	1.67	-4.33
722.00	4.40	323.40	721.70	6.35	-6.21	8.88	0.97	0.97	0.65
753.00	5.10	324.50	752.59	8.42	-7.72	11.41	2.28	2.26	3.55



Company: NEWFIELD EXPLORATION
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Site: SECTION 25 T8S, R16E
Well: I-25-8-16
Wellbore: Wellbore #1
Design: SURVEY #1

Local Co-ordinate Reference: Well I-25-8-16
TVD Reference: I-25-8-16 @ 5442.00ft (NEWFIELD 2)
MD Reference: I-25-8-16 @ 5442.00ft (NEWFIELD 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
783.00	5.40	326.80	782.47	10.69	-9.26	14.11	1.22	1.00	7.67
814.00	5.80	328.30	813.32	13.24	-10.88	17.07	1.37	1.29	4.84
845.00	6.40	329.10	844.14	16.06	-12.59	20.27	1.95	1.94	2.58
875.00	6.90	328.50	873.94	19.03	-14.39	23.65	1.68	1.67	-2.00
907.00	7.20	328.30	905.70	22.38	-16.45	27.47	0.94	0.94	-0.62
938.00	7.80	328.10	936.43	25.81	-18.59	31.41	1.94	1.94	-0.65
969.00	8.00	327.60	967.14	29.42	-20.85	35.57	0.68	0.65	-1.61
1,000.00	8.50	326.60	997.82	33.16	-23.27	39.92	1.68	1.61	-3.23
1,032.00	8.80	324.70	1,029.45	37.13	-25.99	44.65	1.29	0.94	-5.94
1,063.00	9.40	324.00	1,060.06	41.11	-28.84	49.49	1.97	1.94	-2.26
1,094.00	9.80	321.50	1,090.63	45.22	-31.97	54.62	1.86	1.29	-8.06
1,125.00	10.10	320.30	1,121.16	49.38	-35.35	59.95	1.18	0.97	-3.87
1,156.00	10.40	319.40	1,151.67	53.60	-38.91	65.44	1.10	0.97	-2.90
1,188.00	10.90	317.40	1,183.12	58.02	-42.84	71.35	1.94	1.56	-6.25
1,219.00	11.10	317.20	1,213.55	62.36	-46.85	77.26	0.66	0.65	-0.65
1,250.00	11.20	317.80	1,243.96	66.78	-50.90	83.25	0.49	0.32	1.94
1,281.00	11.10	317.70	1,274.38	71.22	-54.93	89.24	0.33	-0.32	-0.32
1,313.00	11.50	317.50	1,305.76	75.85	-59.16	95.50	1.26	1.25	-0.62
1,407.00	12.00	317.90	1,397.79	90.01	-72.04	114.63	0.54	0.53	0.43
1,501.00	12.00	316.90	1,489.73	104.39	-85.27	134.15	0.22	0.00	-1.06
1,532.00	12.20	317.60	1,520.05	109.17	-89.68	140.65	0.80	0.65	2.26
1,626.00	12.40	315.20	1,611.89	123.66	-103.49	160.66	0.58	0.21	-2.55
1,719.00	12.40	315.60	1,702.72	137.88	-117.51	180.63	0.09	0.00	0.43
1,814.00	12.40	317.40	1,795.50	152.68	-131.55	201.03	0.41	0.00	1.89
1,908.00	11.60	314.30	1,887.45	166.71	-145.15	220.56	1.09	-0.85	-3.30
2,001.00	11.00	309.90	1,978.65	178.93	-158.65	238.75	1.13	-0.65	-4.73
2,095.00	10.50	310.90	2,071.00	190.29	-172.00	256.22	0.57	-0.53	1.06
2,188.00	11.00	313.90	2,162.37	201.99	-184.80	273.54	0.81	0.54	3.23
2,282.00	11.30	316.00	2,254.59	214.83	-197.66	291.71	0.54	0.32	2.23
2,376.00	11.30	315.20	2,346.77	227.99	-210.54	310.13	0.17	0.00	-0.85
2,470.00	10.60	310.70	2,439.06	240.17	-223.59	327.96	1.17	-0.74	-4.79
2,564.00	11.00	313.00	2,531.39	251.92	-236.70	345.54	0.63	0.43	2.45
2,657.00	10.90	312.00	2,622.70	263.86	-249.73	363.19	0.23	-0.11	-1.08
2,751.00	12.00	319.20	2,714.83	277.20	-262.72	381.81	1.92	1.17	7.66
2,844.00	11.50	314.90	2,805.89	291.06	-275.60	400.72	1.08	-0.54	-4.62
2,938.00	11.00	313.50	2,898.08	303.85	-288.74	419.06	0.61	-0.53	-1.49
3,031.00	10.50	313.80	2,989.45	315.82	-301.30	436.40	0.54	-0.54	0.32
3,124.00	11.20	313.10	3,080.78	327.86	-314.01	453.90	0.77	0.75	-0.75
3,218.00	11.90	315.40	3,172.88	341.00	-327.48	472.71	0.89	0.74	2.45
3,313.00	11.60	317.20	3,265.89	354.98	-340.84	492.05	0.50	-0.32	1.89
3,407.00	11.70	316.70	3,357.95	368.85	-353.80	511.02	0.15	0.11	-0.53
3,500.00	11.20	313.70	3,449.10	381.95	-366.80	529.48	0.84	-0.54	-3.23
3,594.00	10.50	313.00	3,541.42	394.10	-379.66	547.16	0.76	-0.74	-0.74
3,687.00	11.60	316.10	3,632.70	406.62	-392.34	564.98	1.34	1.18	3.33
3,781.00	11.30	311.90	3,724.83	419.58	-405.75	583.63	0.94	-0.32	-4.47
3,875.00	10.90	310.70	3,817.07	431.53	-419.35	601.68	0.49	-0.43	-1.28
3,968.00	11.50	310.50	3,908.30	443.28	-433.06	619.69	0.65	0.65	-0.22
4,062.00	11.20	311.40	4,000.46	455.40	-447.03	638.14	0.37	-0.32	0.96
4,156.00	10.30	311.40	4,092.81	467.00	-460.19	655.63	0.96	-0.96	0.00
4,250.00	9.60	311.70	4,185.40	477.77	-472.34	671.84	0.75	-0.74	0.32
4,343.00	9.30	312.50	4,277.13	488.01	-483.67	687.09	0.35	-0.32	0.86
4,437.00	10.00	314.50	4,369.80	498.86	-495.09	702.83	0.83	0.74	2.13
4,530.00	10.20	312.30	4,461.36	510.06	-506.94	719.13	0.47	0.22	-2.37
4,619.00	10.70	310.40	4,548.89	520.72	-519.06	735.24	0.68	0.56	-2.13



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 25 T8S, R16E
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Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,712.00	11.30	312.60	4,640.18	532.48	-532.35	752.94	0.79	0.65	2.37
4,806.00	11.40	312.40	4,732.34	544.98	-545.98	771.42	0.11	0.11	-0.21
4,900.00	11.10	311.60	4,824.53	557.25	-559.61	789.73	0.36	-0.32	-0.85
4,993.00	11.20	311.60	4,915.78	569.19	-573.06	807.68	0.11	0.11	0.00
5,087.00	11.50	314.40	5,007.94	581.81	-586.58	826.16	0.67	0.32	2.98
5,181.00	11.90	317.70	5,099.99	595.53	-599.80	845.21	0.83	0.43	3.51
5,274.00	11.20	317.40	5,191.10	609.27	-612.37	863.82	0.76	-0.75	-0.32
5,369.00	11.40	319.50	5,284.26	623.20	-624.71	882.40	0.48	0.21	2.21
5,462.00	9.80	316.80	5,375.67	635.96	-636.10	899.48	1.80	-1.72	-2.90
5,487.72	10.10	316.62	5,401.00	639.20	-639.14	903.92	1.18	1.17	-0.69
I-25-8-16 TGT									
5,556.00	10.90	316.20	5,468.14	648.21	-647.72	916.36	1.18	1.17	-0.62
5,650.00	9.50	317.40	5,560.65	660.34	-659.13	933.00	1.51	-1.49	1.28
5,744.00	9.70	317.60	5,653.34	671.89	-669.72	948.66	0.22	0.21	0.21
5,838.00	9.50	318.10	5,746.02	683.51	-680.24	964.32	0.23	-0.21	0.53
5,930.00	10.80	314.70	5,836.58	695.23	-691.44	980.52	1.56	1.41	-3.70
6,024.00	11.40	316.30	5,928.82	708.14	-704.11	998.62	0.72	0.64	1.70
6,118.00	10.40	318.40	6,021.13	721.20	-716.17	1,016.38	1.14	-1.06	2.23
6,212.00	9.60	321.10	6,113.70	733.65	-726.72	1,032.65	0.99	-0.85	2.87
6,305.00	9.70	322.70	6,205.38	745.91	-736.34	1,048.13	0.31	0.11	1.72
6,399.00	8.80	325.80	6,298.16	758.16	-745.18	1,063.05	1.09	-0.96	3.30
6,493.00	8.00	329.40	6,391.15	769.74	-752.55	1,076.45	1.02	-0.85	3.83
6,599.00	7.30	332.80	6,496.21	782.08	-759.38	1,090.02	0.79	-0.66	3.21
6,649.00	7.20	332.00	6,545.81	787.67	-762.31	1,096.05	0.28	-0.20	-1.60

Checked By: _____ Approved By: _____ Date: _____

H	HEADER INFORMATION -----							
H	COMPANY	:	NEWFIELD	EXPLORATION				
H	FIELD	:	USGS	Myton	SW	(UT)		
H	SITE	:	SECTION	25 T8S,	R16E			
H	WELL	:	I-25-8-16					
H	WELLPATH:	Wellbore	#1					
H	DEPTHUNT:	ft						
H	SURVDATE:	3/26/2009						
H	DECLINATION CORR.							
H	=	10.68 TO	GRIDH	-----				
H	WELL INFORMATION							
H	WELL	EW	MAP	:	2043082			
H	WELL	NS	MAP	:	7205018			
H	DATUM	ELEVN	:	5442				
H	VSECT	ANGLE	:	315.18				
H	VSECT	NORTH	:	0				
H	VSECT	EAST	:	0				
H	-----							
H	SURVEY TYPE INFORMATION							
H	415 -	6649 SURVEY	#1	:	MWD			
H	-----							
H	SURVEY LIST							
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	0
	415	0.6	181.3	414.99	-2.17	-0.05	-1.51	0.14
	445	0.4	184	444.99	-2.43	-0.06	-1.68	0.67
	476	0.2	293.1	475.99	-2.52	-0.12	-1.71	1.62
	507	0.9	326.3	506.99	-2.3	-0.3	-1.42	2.39
	537	1.5	328.5	536.98	-1.77	-0.64	-0.8	2.01
	569	2.1	329.1	568.97	-0.91	-1.16	0.17	1.88
	599	2.5	326.6	598.94	0.11	-1.8	1.35	1.37
	630	3.1	327.3	629.91	1.38	-2.63	2.83	1.94
	661	3.6	324.5	660.85	2.88	-3.64	4.61	1.7
	691	4.1	323.2	690.78	4.51	-4.83	6.6	1.69
	722	4.4	323.4	721.7	6.35	-6.21	8.88	0.97
	753	5.1	324.5	752.59	8.42	-7.72	11.41	2.28
	783	5.4	326.8	782.47	10.69	-9.26	14.11	1.22
	814	5.8	328.3	813.32	13.24	-10.88	17.07	1.37
	845	6.4	329.1	844.14	16.06	-12.59	20.27	1.95
	875	6.9	328.5	873.94	19.03	-14.39	23.65	1.68
	907	7.2	328.3	905.7	22.38	-16.45	27.47	0.94
	938	7.8	328.1	936.43	25.81	-18.59	31.41	1.94
	969	8	327.6	967.14	29.42	-20.85	35.57	0.68
	1000	8.5	326.6	997.82	33.16	-23.27	39.92	1.68
	1032	8.8	324.7	1029.45	37.13	-25.99	44.65	1.29
	1063	9.4	324	1060.06	41.11	-28.84	49.49	1.97
	1094	9.8	321.5	1090.63	45.22	-31.97	54.62	1.86

1125	10.1	320.3	1121.16	49.38	-35.35	59.95	1.18
1156	10.4	319.4	1151.67	53.6	-38.91	65.44	1.1
1188	10.9	317.4	1183.12	58.02	-42.84	71.35	1.94
1219	11.1	317.2	1213.55	62.36	-46.85	77.26	0.66
1250	11.2	317.8	1243.96	66.78	-50.9	83.25	0.49
1281	11.1	317.7	1274.38	71.22	-54.93	89.24	0.33
1313	11.5	317.5	1305.76	75.85	-59.16	95.5	1.26
1407	12	317.9	1397.79	90.01	-72.04	114.63	0.54
1501	12	316.9	1489.73	104.39	-85.27	134.15	0.22
1532	12.2	317.6	1520.05	109.17	-89.68	140.65	0.8
1626	12.4	315.2	1611.89	123.66	-103.49	160.66	0.58
1719	12.4	315.6	1702.72	137.88	-117.51	180.63	0.09
1814	12.4	317.4	1795.5	152.68	-131.55	201.03	0.41
1908	11.6	314.3	1887.45	166.71	-145.15	220.56	1.09
2001	11	309.9	1978.65	178.93	-158.65	238.75	1.13
2095	10.5	310.9	2071	190.29	-172	256.22	0.57
2188	11	313.9	2162.37	201.99	-184.8	273.54	0.81
2282	11.3	316	2254.59	214.83	-197.66	291.71	0.54
2376	11.3	315.2	2346.77	227.99	-210.54	310.13	0.17
2470	10.6	310.7	2439.06	240.17	-223.59	327.96	1.17
2564	11	313	2531.39	251.92	-236.7	345.54	0.63
2657	10.9	312	2622.7	263.86	-249.73	363.19	0.23
2751	12	319.2	2714.83	277.2	-262.72	381.81	1.92
2844	11.5	314.9	2805.89	291.06	-275.6	400.72	1.08
2938	11	313.5	2898.08	303.85	-288.74	419.06	0.61
3031	10.5	313.8	2989.45	315.82	-301.3	436.4	0.54
3124	11.2	313.1	3080.78	327.86	-314.01	453.9	0.77
3218	11.9	315.4	3172.88	341	-327.48	472.71	0.89
3313	11.6	317.2	3265.89	354.98	-340.84	492.05	0.5
3407	11.7	316.7	3357.95	368.85	-353.8	511.02	0.15
3500	11.2	313.7	3449.1	381.95	-366.8	529.48	0.84
3594	10.5	313	3541.42	394.1	-379.66	547.16	0.76
3687	11.6	316.1	3632.7	406.62	-392.34	564.98	1.34
3781	11.3	311.9	3724.83	419.58	-405.75	583.63	0.94
3875	10.9	310.7	3817.07	431.53	-419.35	601.68	0.49
3968	11.5	310.5	3908.3	443.28	-433.06	619.69	0.65
4062	11.2	311.4	4000.46	455.4	-447.03	638.14	0.37
4156	10.3	311.4	4092.81	467	-460.19	655.63	0.96
4250	9.6	311.7	4185.4	477.77	-472.34	671.84	0.75
4343	9.3	312.5	4277.13	488.01	-483.67	687.09	0.35
4437	10	314.5	4369.8	498.86	-495.09	702.83	0.83
4530	10.2	312.3	4461.36	510.06	-506.94	719.13	0.47
4619	10.7	310.4	4548.89	520.72	-519.06	735.24	0.68
4712	11.3	312.6	4640.18	532.48	-532.35	752.94	0.79
4806	11.4	312.4	4732.34	544.98	-545.98	771.42	0.11
4900	11.1	311.6	4824.53	557.25	-559.61	789.73	0.36
4993	11.2	311.6	4915.78	569.19	-573.06	807.68	0.11

5087	11.5	314.4	5007.94	581.81	-586.58	826.16	0.67
5181	11.9	317.7	5099.99	595.53	-599.8	845.21	0.83
5274	11.2	317.4	5191.1	609.27	-612.37	863.82	0.76
5369	11.4	319.5	5284.26	623.2	-624.71	882.4	0.48
5462	9.8	316.8	5375.67	635.96	-636.1	899.48	1.8
5556	10.9	316.2	5468.14	648.21	-647.72	916.36	1.18
5650	9.5	317.4	5560.65	660.34	-659.13	933	1.51
5744	9.7	317.6	5653.34	671.89	-669.72	948.66	0.22
5838	9.5	318.1	5746.02	683.51	-680.24	964.32	0.23
5930	10.8	314.7	5836.58	695.23	-691.44	980.52	1.56
6024	11.4	316.3	5928.82	708.14	-704.11	998.62	0.72
6118	10.4	318.4	6021.13	721.2	-716.17	1016.38	1.14
6212	9.6	321.1	6113.7	733.65	-726.72	1032.65	0.99
6305	9.7	322.7	6205.38	745.91	-736.34	1048.13	0.31
6399	8.8	325.8	6298.16	758.16	-745.18	1063.05	1.09
6493	8	329.4	6391.15	769.74	-752.55	1076.45	1.02
6599	7.3	332.8	6496.21	782.08	-759.38	1090.02	0.79
6649	7.2	332	6545.81	787.67	-762.31	1096.05	0.28